

**Manhattanville in West Harlem Implementation Plan Report
October 17, 2016 Submission**

Declaration Reference and Key Data

Obligation Section Number: **5.07(c)(xxv)(F)**

Obligation Title: **Community Alert System**

Obligation Page Number: **59**

Obligation Trigger: **Acquisition by ESD or CU of all Initial Stage 1 Condemnation Parcel(s)**

Obligation Start Date: **March 12, 2012**

Obligation End Date: **March 12, 2037 (25 Years from Commencement of the Center's Full Operation)**

Obligation Status: **In Compliance**

Obligation: Innovation/Changed Conditions

In accordance with the Declaration of Covenant and Restrictions Section 5.08, Obligation 5.07 (c) (xxv)(F) is modified to clarify the obligation. In general, the scope of services to be provided has not been changed.

Community Alert System. Columbia shall provide a community alert system to notify subscribers about construction issues and a 24-hour hotline to provide callers with timely and regularly updated information about construction activity and employment opportunities related to the Project, and include the GPP Monitor on any related e-mail list serve. The annual report will identify the department within Columbia that administers the alert system.

Evidence of Compliance

1. Link to subscribe to notifications about construction issues and copies of construction schedules, safety and mitigation notices
2. Construction hotline phone number (212-854-2222)
3. Annual report

Columbia University's Implementation Plan and all supporting documentation are made available on the Community Services Webpage at <http://manhattanville.columbia.edu/community/benefits-and-amenities>.

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EOC Checklist for Obligation 5.07(c)(xxv)(F):

Please check to verify EOC items submitted for review.

- ☐ 1. Link to subscribe to notifications about construction issues and copies of construction scheduled, safety and mitigation notices
- ☐ 2. Construction hotline telephone number (212-854-2222)
- ☐ 3. Annual report

Monitor's Notes / Comments:

Status:

Please check to indicate the status of Obligation 5.07(c)(xxv)(F):

- ☐ In Compliance
- ☐ In Progress
- ☐ Not In Compliance
- ☐ Not Triggered

Community Alert System

**Link to subscribe to notifications about construction issues and
copies of construction schedules, safety and mitigation notices:**

<http://manhattanville.columbia.edu/construction-updates>


COLUMBIA | Manhattanville

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Construction UpdatesNews ArchivePress

Construction Updates

Weeks of 10/3/16 and 10/10/16



What is Happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W.129th Street, and perimeter fence protection repairs along W.125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along Broadway and W.130th Street
- Painting of boiler vent stacks above mechanical penthouse

...

What to Expect

Construction Activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- W.129th Street between Broadway and W.125th Street will be closed from 6:00 a.m. to 6:00 p.m. on the following Saturdays: October 1, October 8, October 15 and October 22
- No standing on W.125th Street between...

FULL UPDATE ▶

Past Updates2016201520142013

Weeks of 10/3/16 and 10/10/16

Weeks of 9/26/16 and 10/3/16

Weeks of 9/19/16 and 9/26/16

Weeks of 9/12/16 and 9/19/16

Weeks of 8/22/16 and 8/29/16

Weeks of 8/15/16 and 8/22/16

Weeks of 8/8/16 and 8/15/16

Weeks of 8/1/16 and 8/8/16

Weeks of 7/25/16 and 8/1/16

Weeks of 7/11/16 and 7/18/16

Weeks of 7/4/16 and 7/11/16

Weeks of 6/27/16 and 7/4/16

Weeks of 6/20/16 and 6/27/16

Weeks of 6/13/16 and 6/20/16



Deidre Chong, 5 years at Columbia Facilities

**CALL
4-2222**

Now There Is One Number for All of Your Facilities Needs

**CALL
4-2222**

Call the new Facilities Services Center at x4-2222, the new phone number for facilities services and information, campus-wide.

Call 4-2222 to:

- Report maintenance and housekeeping problems
- Request special Facilities services
- Follow up on the status or billing of an existing request
- Ask about Facilities programs, and how to obtain planning, design, engineering, or construction services



Mark Cabaroy, 18 years at Columbia Facilities

**CALL
4-2222**

Construction Questions?



Call the Columbia University Facilities
Services Center at 212-854-2222
24 hours a day, 7 days a week



E-mail projx@columbia.edu

www.neighbors.columbia.edu

Construction Job Referrals

As a service to those interested in employment with construction firms currently working at Columbia, the University has developed a referral process to provide its construction partners with information on potential employees.



Complete the referral application online
at <http://facil.columbia.edu/cref>



Visit the Columbia University Employment
Center at 3180 Broadway (just south of
West 125th Street)

Construction Contracting Opportunities

For more information on construction contracting opportunities, contact Columbia University Facilities at:



projx@columbia.edu



<http://facilities.columbia.edu>

Annual Report: Community Alert System

The Strategic Communications and Construction Business Initiatives department of Columbia University Facilities and Operations issues weekly construction updates and monthly newsletters via e-mail to anyone who has subscribed to receive them. These updates and newsletters are also posted online at:

<http://manhattanville.columbia.edu/construction-updates>

Additional Supporting Documentation

- Copies of Monthly Newsletters covering period September 2015 - September 2016
- Copies of Weekly Construction Updates covering period September 7, 2015 - October 10, 2016
- Distribution lists for Monthly Newsletters and Weekly Construction Updates



Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Floor leveling, installation of resinous flooring and ceramic tile are in progress. Installation of lab casework spines and cabinets are in progress. Installation of testing rooms and controlled environmental rooms are ongoing. Curtain wall ground floor storefront interior glass and vestibule installation are underway. Mechanical, electrical and plumbing work is ongoing. Framing, interior partitions and ceiling work are in progress. Roofing work is in progress. Concrete planter at level 8 terrace is in progress. Fireproofing and elevator work are nearing completion.

Lenfest Center for the Arts

Building information modeling (BIM) coordination, spray-on fireproofing patching, storefront glass, canopy installation, urban layer waterproofing, and elevator installation are in progress. Electrical boxes and conduit installation are in progress on the cellar level. Carpentry layout is in progress. Duct work on the cellar level, and 2nd to 5th floors is in progress. Copper piping installation is in progress on the 2nd to 5th floors. Sprinklers are being installed on the 2nd to 4th floors.

Central Energy Plant (CEP)

Installation of electrical grounding, plumbing piping work, permanent power conduit and branch circuit conduit systems is ongoing. Installation of condenser water and chill water piping and electrical conduits on ceiling slab of BG-6 is ongoing. Steam piping

delivery is ongoing. Internal distribution of permanent power is ongoing. Installation of high pressure gas piping is ongoing. Removal of temporary power from W129th Street has been completed and reconnection from permanent is in place.

Utility and Site Work

Work on W130th Street, between 12th Avenue and Broadway, includes installation of new street lights, concrete sidewalk, and construction fence. Work on the west side of Broadway, between W130th and W131st Street, includes installation of new concrete sidewalk and asphalt repairs. Work on W131st Street, between Broadway and 12th Avenue, includes the installation of electric conduits and splice vault on W. 131st Street. West 130th Street is closed to pedestrian and vehicular traffic.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Installation of electrical conduits are in progress.

Did You Know?

The Office of Diversity and Multicultural Affairs at Columbia University is sponsoring the State Pre-College Enrichment program— a free program for eligible students.

S-PREP is a free high school and college preparation program for 7th -12th grade students who are interested in a career in medicine, science, or related health professions. **Applications are due September 26.** See page three of this newsletter for more information about program eligibility and to learn how to apply.

(Over)

What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

- Regular work hours are 7:00am - 6:00pm Monday through Friday
 - Weekend work may be performed.
- Above and below grade hoists are operational.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
 - No standing on West 129th Street between Broadway and West 125th Street.
 - West 130th Street between Broadway and 12th Avenue is anticipated to remain closed until late September 2015.
 - There is a no parking zone in effect on the west side of Broadway from West 130th to 131st Streets.
 - The existing construction fence has been relocated to the curb line and the existing Broadway sidewalk has been closed from West 130th to West 131st Street. The Broadway parking lane is being used as a temporary pedestrian walkway, and barriers have been installed to separate pedestrians from traffic lanes.

Community Amenities and Benefits

To access the Columbia University's [Community Services Website](http://manhattanville.columbia.edu), please visit: manhattanville.columbia.edu then click "Community" in the navigation menu.

Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the first quarter 2015 (January 1 to March 31), Columbia paid \$10,435,639 to MWL firms, representing 31 percent of total construction spend. \$1,290,291 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through March 31, 2015, Columbia paid \$90,610,722 to MWL firms, representing 33 percent of total construction spend. \$38,714,300 of that figure was paid to local companies.

Construction Workforce

In the first quarter 2015 (January 1 to March 31), the MWL construction workforce delivered 84,919 hours worked, representing 43 percent of the total workforce hours for the construction of the new Manhattanville campus. 16,235 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through March 31, 2015, the MWL construction workforce delivered 718,791 hours worked, representing 52 percent of the total workforce hours for the construction of the new Manhattanville campus. 142,744 hours of that figure were performed by the local workforce.

Jobs and Opportunities

Job opportunities are currently limited as we are in the initial phases of our vision. Major trade unions working on the site currently include Laborers (locals 731, 78 and 79), Operating Engineers (locals 14 and 15) and Dock builders (local 1456). As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partner McKissack & McKissack to assist those interested in employment with construction firms currently working at Columbia. For more information, please contact McKissack's [Office of Community Employment](http://manhattanville.columbia.edu) at 646-386-7277.

Additional Information

This newsletter and our weekly construction updates (which contain more specific information about construction impacts) will be available on the web at <http://manhattanville.columbia.edu> and at various locations at the project site and throughout the Manhattanville area.

Please note that construction activities are subject to change based on field conditions. We appreciate the patience and cooperation of everyone who is temporarily inconvenienced by these projects.

Should you have questions about construction activity, call the Columbia Facilities Services Center at (212) 854-2222, 24 hours a day, 7 days a week, or e-mail projx@columbia.edu. For more project information, to view upcoming bid opportunities, and to sign-up for our e-mail updates visit manhattanville.columbia.edu.

Neighboring construction projects not related to Columbia

- New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- New York City Transit's Portal Repairs on the Broadway-7 Avenue Line please [click here](#) or visit MTA.info and search "Portal Repairs on the Broadway-7 Avenue Line"
- New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com

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Project News

Construction is a family affair for one Manhattanville worker



Stacy Knutt is a laborer in the Local 79, where her father and six of her brothers are members of the union. She has been working at Columbia University's Manhattanville Development since February 2012.

Based on her family history, Stacy Knutt may have always been destined for the construction industry. But her actual journey began after spotting a newspaper ad in 2009, eventually leading her down the same path to the Local 79 mason tenders union as her father and six of her brothers before her.

By 2009, Knutt had already been working at Time Warner Cable for a number of years when suddenly her department closed and she was out of a job. When she spotted a newspaper advertisement for Nontraditional Employment for Women (NEW) and knowing her family history in construction, she decided to give the industry a try.

NEW seeks to bring more women into the skilled construction, utility, and maintenance trades that are typically dominated by men. Knutt joined other program participants in taking part in an intensive, pre-apprenticeship training program that provides exposure to various construction trades, teaches participants new skills, and tests trainees with the rigor and responsibility required to be successful in the industry.

After graduating from NEW, Knutt learned from her brother, a shop steward with Local 79, that the union was taking applications for apprenticeship. Knutt submitted an application in 2011, and by February 2012, she was onsite at Columbia University's Manhattanville development, where she has been ever since.

At Manhattanville, Knutt is a laborer for Lendlease, the construction manager for the first phase of the development, where she is on a team responsible for maintaining a clean and safe worksite. The responsibilities of her group evolve as the construction evolves. Her tasks may vary from shoveling snow during the winter months so that construction can continue to maintaining a clean work site so that the trades can do their work safely and without obstructions.

Manhattanville is Knutt's first job in general construction. Now over three-and-a-half years into her tenure at Manhattanville, she has

witnessed excavation of the site and now two buildings – the Jerome L. Greene Science Center and Lenfest Center for the Arts – rise from the ground. The work has given Knutt a real appreciation for the commitment to professionalism and safety that is paramount on the site.

“Clean construction sites and a safe work environment – these are basic principles at the Columbia site, and many of my colleagues recognize this as well,” said Knutt as she discussed her experience in Manhattanville. “Working here gives me a real sense of pride. When I first arrived, the site had nothing. Soon, the doors to the first building will be open, and I'll be able to say that I was a part of it from the start.”

Born and raised in Trinidad, Stacy Knutt moved to the United States in 1988. Living in Brooklyn, she has two sons, 14 and 11.

Her older son, who attends City Polytechnical High School in Brooklyn, was impressed when his mother took him and his brother to see her jobsite in Manhattanville. When he returned home that day, he went online to learn more about architecture and engineering. Could be the makings of another family member in the construction industry.

Community News

The Office of Diversity and Multicultural Affairs at Columbia University is sponsoring the State Pre-College Enrichment program—a free program for eligible students

S-PREP is a free high school and college preparation program for 7th -12th grade students who are interested in a career in medicine, science, or related health professions. An eligible student is one who self-identifies as being: African-American, Hispanic/Latino, Native American, Alaskan Native, or meets the economic guidelines outlined by the New York State Education Department.

The program meets on Saturdays for morning or afternoon sessions. Program highlights include:

- Math and science courses
- College and career readiness workshops
- Free tutoring and homework assistance
- Field trips and college visits
- Research opportunities
- Summer opportunities

There is no application fee, and the program is free of cost.

Applications are due September 26. For more information and to apply, visit ps.columbia.edu/education/node/1996, email sprep-ps@columbia.edu or call 212-305-4157.

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Construction Progress Images



Jerome L. Greene Science Center looking northwest

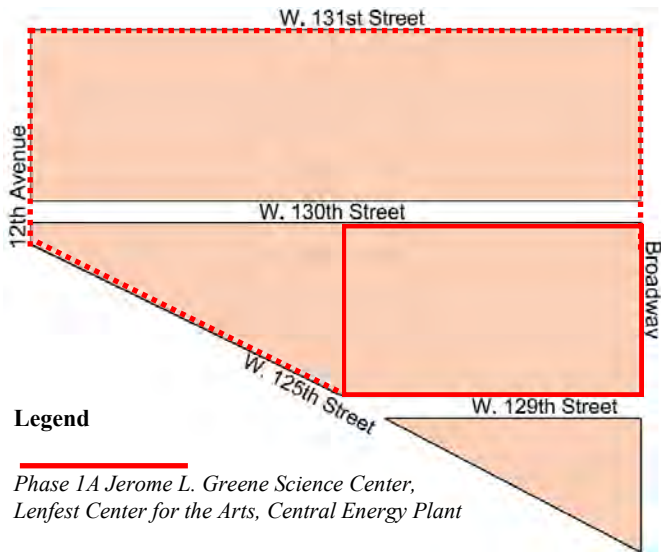


Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking southeast



Aerial view looking northeast

Illustrative Site Map



Legend

Phase 1A Jerome L. Greene Science Center,
Lenfest Center for the Arts, Central Energy Plant

Phase 2 Slurry Wall

September 2015 Update

Sustainable Partnerships





Growing Together

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Current Construction Activity

Jerome L. Greene Science Center

Floor leveling, installation of resinous flooring and ceramic tile are in progress. Installation of lab casework spines and cabinets are in progress. Installation of testing rooms and controlled environmental rooms are ongoing. Curtain wall ground floor storefront interior glass and vestibule installations are underway. West notch curtain wall panels and steel cross bracing are in progress. Mechanical, electrical and plumbing work is ongoing. Framing, interior partitions and ceiling work are in progress. Roofing work is nearing completion. Concrete planter at level 8 terrace is in progress. East lobby stairs are being formed.

Lenfest Center for the Arts

Building information modeling (BIM) coordination, spray-on fireproofing patching, canopy, urban layer waterproofing, and elevator installations are in progress. Electrical boxes and conduit installation are in progress on the cellar level. Core drilling program is in progress. Carpentry layout is in progress. Duct work on the cellar level, and 2nd to 5th floors is in progress. Copper piping installation is in progress on the 2nd to 5th floors. Sprinklers are being installed on the 4th to 8th floors. Roof and mechanical room curbs and pads are being poured.

Central Energy Plant (CEP)

Installation of electrical grounding, plumbing piping work, permanent power conduit and branch circuit conduit systems and

lighting is ongoing. Installation of condenser water and chill water piping and electrical conduits on ceiling slab of BG-6 is complete. Steam piping delivery is ongoing. Internal distribution of permanent cooling ductwork is ongoing. Installation of high pressure gas piping is ongoing. Removal of temporary power from W129th Street has been completed and reconnection from permanent is in place.

Utility and Site Work

Curb and sidewalk installation along the west side of Broadway at West 131st Street is ongoing. Installing construction fence and new street lights along West 130th Street in preparation for street reopening. West 130th Street (between 12th Avenue and Broadway) remains closed to pedestrian and vehicular traffic.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Cable pull mobilization is underway.

Did You Know?

October is National Energy Awareness Month.

With the Manhattanville campus development in West Harlem, Columbia is targeting the first-ever Platinum certification for a university campus from the U.S. Green Building Council's LEED-ND for neighborhood development.

The Jerome L. Greene Science Center and the Lenfest Center for the Arts have several sustainable features such as chilled beams, radiant heat on building perimeters, a reflective roof and more. The Central Energy Plant is extremely energy efficient and significantly reduces fuel consumption and stack emissions.

For more on the U.S. Dept. of Energy's Energy Action Month, visit energy.gov/eere/femp/energy-action-month.

(Over)

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Project News

Learning on the Job: Manhattanville's Intern Program



Summer/fall interns with Columbia's Manhattanville Development Group (l to r): Dasylya Bolton, Atay Ates, and Chiara Aletti. More than 50 students have been interns with Columbia's Manhattanville team since the start of development in 2008.

Gazing at the Jerome L. Greene Science Center and Lenfest Center for the Arts, two new buildings rising at Columbia's Manhattanville campus, Dasylya Bolton reflected on her learning experience working as an architecture intern with Columbia's Manhattanville team.

"Working with Columbia as the owner of the project has given me a new perspective on all aspects of construction and design," said Bolton, who is pursuing a Master's in architecture from the Columbia Graduate School of Architecture, Planning and Preservation.

"As an architecture student, design can often be viewed in a vacuum. This project has exposed me to the realities of design within everything that must be taken into account when building a large project. This includes construction impacts, client customization preferences, functionality and more that all need to be contributing to design concepts," she added.

Bolton joins Chiara Aletti and Atay Ates as the latest group of interns working with Columbia's Manhattanville Development Group during the summer and/or fall semesters.

More than 50 students have been interns with Columbia's Manhattanville team since the start of development in 2008, a fact that many staff members take pride in. Former interns, such as Kittidej Panya who now works as an assistant project manager for Bruno Frustaci Contracting in Brooklyn, give credit to their internship experience in Manhattanville to help them in their next job.

"The university's mission as a leading institution of learning is consistently in our focus," said Philip Pitruzzello, senior vice president of the Manhattanville Development Group. "The scope of the Manhattanville development creates a one-of-a-kind, on-the-job experience. We are proud to offer the opportunity to mentor and teach interns while also benefit from the rich pool of student talent available at schools across the University."

Chiara Aletti, a native of Milan, Italy, is a graduate student of civil engineering at Columbia. She majored in architecture as an undergraduate, thinking that the architecture industry had more women traditionally than construction management. But she realized quickly that her creativity was not suited for architecture,

and she was fascinated by the process of a building going up.

At Manhattanville, she is working with the project managers for the Central Energy Plant.

"Previous to my internship at Manhattanville, I had not been exposed to a project of a central energy plant. In my classes, there's rarely time for items such as the specification of chillers and boilers. I hope that this unique experience, with a focus on the necessary but less glamorous aspects of developing a building, will give me a leg up as I continue in the project management field," said Aletti.

Atay Ates came to Columbia and New York City via Istanbul, Turkey. He graduated from his engineering Master's program at Columbia in the summer 2015. He chose Columbia for graduate school because he felt its global network gave him the best options for future work, regardless if he stays in the United States or returns to Europe for work.

He felt fortunate to have secured the internship opportunity in Manhattanville.

"The experience working with the Manhattanville team has been my first on the side of the owner. The owner perspective has exposed me to the importance of knowing all the issues impacting the work. In previous positions as a contractor, my company had to be aware of our specific task but otherwise did not need to know everything going on. The owner needs to know and manage everything," said Ates.

Dasylya Bolton, originally from Los Angeles, works with Manhattanville's design team and is responsible for several long term projects including developing building fact sheets and documenting the chronology of building development from inception to present day, including all changes.

After majoring in communications and music theory as an undergrad, it was not clear that Bolton would end up in architecture. But going back to 3rd grade and her doodles of floor plans, architecture was always within her.

"The Manhattanville internship is giving me the additional, practical work experience I feel I need before I graduate. I feel lucky to have the opportunity. It is the type of job everyone would want," said Bolton.



(Over)

Construction Progress Images



Jerome L. Greene Science Center looking northwest

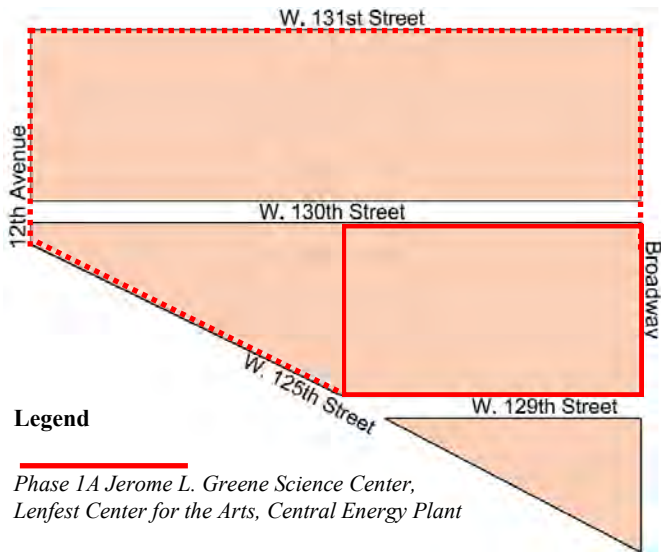


Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking southeast



Aerial view looking northeast

Illustrative Site Map



Legend

Phase 1A Jerome L. Greene Science Center,
Lenfest Center for the Arts, Central Energy Plant

Phase 2 Slurry Wall

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Current Construction Activity

Jerome L. Greene Science Center

Floor leveling, installation of resinous flooring and ceramic tile are in progress. Installation of lab casework spines and cabinets are in progress. Installation of testing rooms and controlled environmental rooms are ongoing. Curtain wall ground floor storefront interior glass and vestibule installations are underway. West notch curtain wall panels and steel cross bracing are in progress. Mechanical, electrical and plumbing work is ongoing. Framing, interior partitions and ceiling work are in progress. Roofing work is nearing completion. Concrete planter at level 8 terrace is in progress. East lobby stairs are being formed. The Building Management System checkout and programming is in progress. The dimmable lighting control system checkout and programming started on the 3rd and 4th floors. The installation of the IT, security, fire alarm and audio visual systems are in progress.

Lenfest Center for the Arts

Building information modeling (BIM) coordination, spray-on fireproofing patching, canopy, urban layer waterproofing, and elevator installations are in progress. Electrical boxes and conduit installation are in progress on the cellar level. Core drilling program is in progress. Carpentry layout is in progress. Duct work on the cellar level, and 2nd to 5th floors is in progress. Copper piping installation is in progress on the 2nd to 5th floors. Sprinklers are being installed on the 4th to 8th floors. Roof and mechanical room

curbs and pads are being poured.

Central Energy Plant (CEP)

Installation of electrical, plumbing gas piping work, gas meter room and branch circuit conduit systems and lighting is ongoing. Installation of condenser water and chill water piping and electrical conduits on ceiling slab of BG-6 is complete. Steam piping delivery is ongoing. Internal distribution of permanent cooling ductwork is ongoing. Installation of high pressure gas piping is ongoing. Boiler equipment setup is ongoing. Fire pump wiring is ongoing. Removal of temporary power equipment from W129th Street has been completed and Con Ed is working on removing feeders. Drag lines for CUIT conduits installed. Cooling water from the CEP's free cooling system is operational. The plant control system installation is in progress. The CEP and cooling tower graphical user interfaces are operational.

Utility and Site Work

This phase of work is nearing completion on W130th Street and construction fence has been installed along the north and south sides of W130th Street. West 130th Street reopened in late October with one eastbound traffic lane and the north sidewalk maintained.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Cable pull mobilization is underway.

Did You Know?

The Columbia Manhattanville construction team was recognized with a safety award for the second year in a row.

The Building Trades Employers' Association recognized the Manhattanville team with the Safety Culture Award. See page 3 of the newsletter for more.

(Over)

What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

- Regular work hours are 7:00am - 6:00pm Monday through Friday
 - Weekend work may be performed.
- Above and below grade hoists are operational.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
 - No standing on West 129th Street between Broadway and West 125th Street.
 - West 130th Street between Broadway and 12th Avenue reopened at the end of October.
 - There is a no parking zone in effect on the west side of Broadway from West 130th to 131st Streets.
 - The existing construction fence has been relocated to the curb line and the existing Broadway sidewalk has been closed from West 130th to West 131st Street. The Broadway parking lane is being used as a temporary pedestrian walkway, and barriers have been installed to separate pedestrians from traffic lanes.

Community Amenities and Benefits

To access the Columbia University's [Community Services Website](http://manhattanville.columbia.edu), please visit: manhattanville.columbia.edu then click "Community" in the navigation menu.

Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the second quarter 2015 (April 1 to June 30), Columbia paid \$13,778,982 to MWL firms, representing 25 percent of total construction spend. \$2,323,648 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through June 30, 2015, Columbia paid \$104,389,754 to MWL firms, representing 32 percent of total construction spend. \$41,037,948 of that figure was paid to local companies.

Construction Workforce

In the second quarter 2015 (April 1 to June 30), the MWL construction workforce delivered 85,405 hours worked, representing 42 percent of the total workforce hours for the construction of the new Manhattanville campus. 14,575 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through June 30, 2015, the MWL construction workforce delivered 840,291 hours worked, representing 51 percent of the total workforce hours for the construction of the new Manhattanville campus. 177,053 hours of that figure were performed by the local workforce.

Jobs and Opportunities

Job opportunities are currently limited as we are in the initial phases of our vision. Major trade unions working on the site currently include Laborers (locals 731, 78 and 79), Operating Engineers (locals 14 and 15) and Dock builders (local 1456). As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partner McKissack & McKissack to assist those interested in employment with construction firms currently working at Columbia. For more information, please contact McKissack's [Office of Community Employment](http://manhattanville.columbia.edu) at 646-386-7277.

Additional Information

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Project News

Columbia Manhattanville Construction Honored with Safety Award for Second Consecutive Year



Manhattanville construction workers gather during "Safety Week" in May 2015. The weeklong series of safety activities was cited among the reasons that Columbia's Manhattanville development was given the "Safety Culture Award" by the Building Trades Employers' Association.

The construction team at Columbia's Manhattanville development was honored with the 2015 "Safety Culture Award" by the Building Trades Employers' Association (BTEA), a leading trade organization representing the 1,700 construction managers, general contractors and specialty subcontractor firms in New York City who employ 120,000 people. The honor was the second year in a row that BTEA recognized Lend Lease and the Manhattanville team for their site safety practices.

The Safety Culture Award is given each year to the construction manager who instills a safety-first ethos into the day-to-day culture at a construction site. When making its award to the Manhattanville team, the BTEA specifically acknowledged "Safety Week" which Lend Lease organized at the site in May as an innovative contributor to support the day-to-day culture of safety.

The weeklong activities during Safety Week included morning stretches; daily demonstrations including a shoring demo and fire extinguisher training; safety vendors demonstrating use of their



Manhattanville construction workers listen to a safety reorientation during a safety stand down event and evacuation drill in October 2015

product such as tool tethering; and safety reorientation, awards, and evacuation drill for workers at the site.

The safety recognition in 2015 was especially noteworthy given the sheer number of construction sites in New York City. According to published reports, total construction spending is anticipated to reach a new annual record by the end of the year, and job sites are becoming less safe.

"Columbia joins Lend Lease in our commitment to instilling in everyone involved the importance of creating the safest possible work environment for our construction workers and the surrounding neighborhood, and making the site the standard for construction safety leadership," said Philip Pitruzzello, senior vice president of the Manhattanville Development Group at Columbia. "The Safety Culture Award is a welcome acknowledgment of that commitment as we continue to support and expand the safety best practices on the site."

"Everyone wants a safe site, and it is refreshing when innovative safety initiatives are supported by an owner like Columbia, and the trade contracting community that equally prioritizes safe practices," said Steven Sommer, Lend Lease Principal-in-Charge. "Being proactive with safety is only part of the solution, but it is not enough. We know we must also be creative in our ways to facilitate and actually achieve continuous safety improvements, and the reduction of injuries and incidents. The resultant Lend Lease Safety Week, for which we were recognized by the BTEA, was a direct outgrowth of both that creativity and the collaboration we experienced with our owner."

This year's Safety Culture Award follows last year's award for Best Safety Practices, recognizing the Manhattanville team for implementing passive fall protection. The safety netting system used on the site was the first project in New York City to do so. Columbia, Lend Lease, and other construction partners worked together for a number of years to create the system, which uses polyester material and a spider web design to protect workers from fall hazards during the steel erection process.



The Manhattanville team was recognized with a Best Safety Practices award from the Building Trades Employers' Association in 2014 for its innovative safety netting system

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Construction Progress Images



Jerome L. Greene Science Center looking northwest

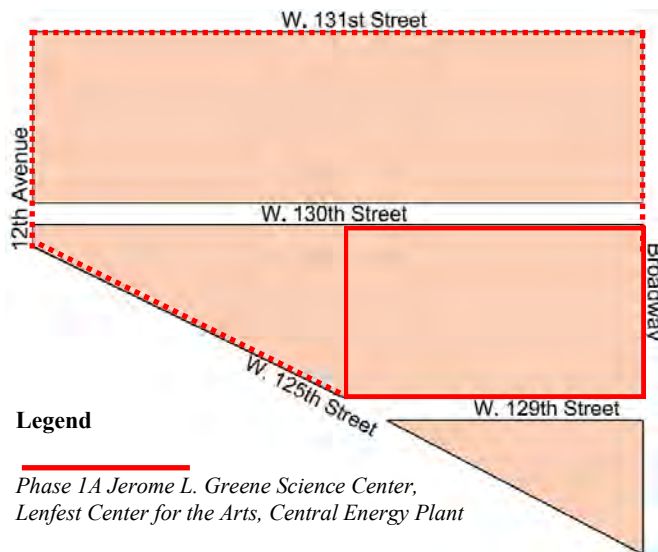


Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking east



Aerial view looking northeast

Illustrative Site Map



November 2015 Update

Page 4 of 4

Sustainable Partnerships





Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor storefront interior glass and vestibule installations are underway. West notch curtain wall panels and steel cross bracing are nearing completion. Mechanical, electrical and plumbing work is ongoing. Framing, interior partitions and ceiling work are in progress. The installation of the IT, security, fire alarm and audio visual systems are in progress.

Lenfest Center for the Arts

Building information modeling (BIM) coordination, spray-on fireproofing patching, canopy, exterior curtain wall soffits, urban layer waterproofing, and elevator installations are in progress. Electrical boxes and conduit installation are in progress on the cellar level to the 6th floor. Core drilling program is in progress. Interior walls and duct work on the cellar level and floors 2 through 6 are in progress. Copper piping and plumbing installation are in progress on floors 2 through 6. Sprinklers are being installed on the 4th to 8th floors. Air handler units are on site.

Central Energy Plant (CEP)

Installation of electrical, plumbing gas piping work, gas meter room and branch circuit conduit systems and lighting is ongoing. Steam piping installation is ongoing. Internal distribution of permanent cooling ductwork is ongoing. Installation of high pressure gas piping is ongoing. Boiler equipment setup is ongoing. Fire pump wiring is ongoing. The plant control system installation is in progress.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. The general contractor has mobilized and is currently removing the main loading dock at W129th St. Additional work to come will include moving the perimeter site fence on W125th Street, demolishing Con Ed vaults along the north sidewalk of W129th St, and demolishing previous work installed during the Phase 1A Slurry Wall project. It is anticipated that W129th Street will be closed for a period of 6 months, starting in late December 2015.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Cable pull mobilization is underway.

Did You Know?

The Columbia Community Scholars program offers independent, community-based scholars from Northern Manhattan access to a suite of Columbia University services and resources that allow them to work toward the completion of a particular project or to attain skill in a particular area.

The program is part of Columbia University's community benefits and services related to the Manhattanville campus. The first cohort of five independent Scholars was selected from a competitive field of applicants during the spring of 2013, with two additional cohorts selected since then. See page 3 of the newsletter to learn more.

(Over)

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As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

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Community News

Columbia's Community Scholars Make Strides



Columbia Community Scholar Adarsh Alphons (right) is the founder of Project Art, which provides public school students with free art education.

One morning this summer, Eric K. Washington led an attentive group through the streets of Harlem, telling the story of the neighborhood's renowned cultural renaissance in the 1920's. The occasion was the historic revival of Harlem Renaissance composer H. Lawrence Freeman's grand opera, "Voodoo," at the Miller Theater at Columbia University's School of the Arts. In addition to the walking tour, Washington also presented at a two-day symposium on campus entitled, "Restaging the Harlem Renaissance."

"I am so psyched that I got to see Eric's presentation," said Columbia Professor Matthew Sandler. "It very much set the tone."

Washington is one of thirteen local, independent scholars who spend time on campus as part of the Columbia Community Scholars Program. A joint initiative of Columbia's Office of Government and Community Affairs, the Office of the Provost, and the School of Continuing Education, the program allows promising candidates from Northern Manhattan libraries access and course auditing privileges as they work towards the completion of a project. Washington has audited courses, including Sandler's MA seminar in American Studies, and conducts research towards his current book project, which explores black upward mobility in the early 20th Century through the life of a porter at Grand Central Terminal.

Another scholar, Adarsh Alphons, is the founder and Executive Director of Project Art, an organization which provides public school students with free art education. Alphons has taken advantage of courses at Columbia in fundraising and non-profit management in order to grow the venture. "When I applied to the program last spring, we were in about three or four public libraries," Alphons said. "Now we're in 26 locations across all five boroughs." Alphons' success has landed him a spot in Town and Country Magazine's "Top 50 Best Philanthropists" as well as recognition as a CNN "Hero." His focus now is on taking Project Art national, with programs set to launch in Miami and Detroit.

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Martha Diaz is an advocate for using hip-hop as a teaching tool; she is using her time as a Community Scholar to access resources at Columbia Teacher's College in the design of a hip-hop teaching certificate program. So far, she has presented her research at the Annual Diversity in Research and Practice Conference at Teachers College and launched the Reel Justice film series as part of the Education in Justice Initiative at Columbia's Center for Justice. Diaz also says that she has been able to leverage her University affiliation to form new alliances with community and business leaders. "You really see the resources available in your community," she said.

For his part, Washington has created two new walking tours of Hamilton Heights and Sugar Hill in Harlem in partnership with the Municipal Art Society of New York and continues to push ahead with work on his book. "Use of libraries, where I can comb over old newspapers going back to the last century and beyond has been invaluable," he said. "Access to interviews and profiles of people who were living then sheds an incredible amount of light on [my work]."

Article by: Kristin Booker, courtesy of Columbia University Office of Government and Community Affairs

Interested in learning more about the Columbia University Community Scholars Program? An open house for perspective applicants will be held on Thursday, March 17, 2016, from 6:00-7:30 p.m. in room 206 of Low Library on Columbia's Morningside Campus, 116th Street and Broadway. For more information, please call: 212-854-3117 or e-mail: communityaffairs@mail.columbia.edu.

Project News

Columbia's Manhattanville Construction Workers Celebrate Holiday Season While Reiterating Number One Goal: Safety



With the holidays upon us, construction workers at Columbia's Manhattanville campus paused from their daily duties for a holiday-themed Safety Stand Down. The event started with an evacuation drill, followed by a safety reorientation and light-hearted safety skit to reinforce the important safety message. Workers also designed holiday-themed ornaments (bottom of photo) as part of an ornament contest.

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Construction Progress Images



Jerome L. Greene Science Center looking northwest

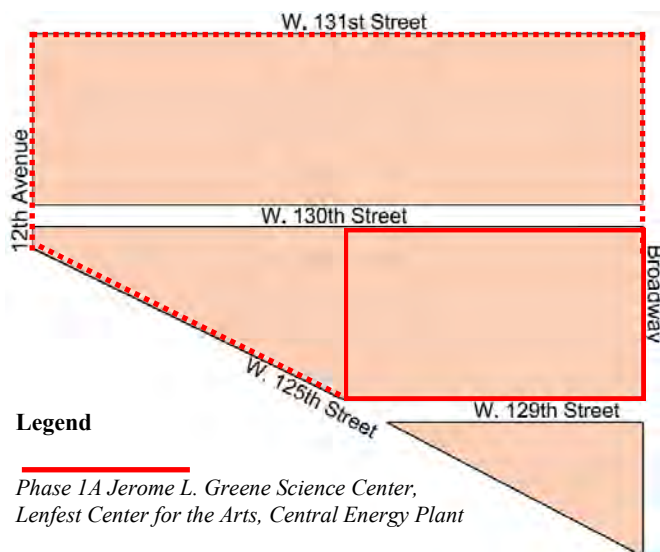


Lenfest Center for the Arts (left) and the Jerome L. Greene Science Center looking north



Aerial view looking northeast

Illustrative Site Map



Legend

Phase 1A Jerome L. Greene Science Center,
Lenfest Center for the Arts, Central Energy Plant

Phase 2 Slurry Wall

Sustainable Partnerships

LEED ND
Stage 1
Platinum
Certified Plan





Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

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Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor storefront interior glass and vestibule installations are underway. Mechanical, electrical and plumbing work is ongoing. Flooring, millwork, interior partitions and ceiling work are in progress. The installation of the IT, security, fire alarm and audio visual systems are in progress.

Lenfest Center for the Arts

Exterior curtain wall soffits and bulkhead, urban layer waterproofing, and elevator installations are in progress. Electrical boxes and conduit installation are in progress on the cellar level to the 8th floor. Core drilling program is in progress. Interior walls and duct work on the cellar level and floors 2 through 6 are in progress. Copper piping and plumbing installation are in progress on floors 2 through 6. Sprinklers are being installed on the 4th to 8th floors. Air handler units are on site and being installed. Waterproofing of the roof is ongoing.

Central Energy Plant (CEP)

Installation of electrical, plumbing gas piping work, gas meter room and branch circuit conduit systems and lighting has been completed. Steam piping installation is ongoing. Internal distribution of permanent cooling ductwork is complete. Installation of high pressure gas piping in the meter room is ongoing. Boiler equipment setup is ongoing. Fire pump wiring is ongoing. The plant control system installation is in progress.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Additional work to come will include moving the perimeter site fence on W125th Street, demolishing Con Ed vaults along the north sidewalk of W129th St, and demolishing previous work installed during the Phase 1A Slurry Wall project. It is anticipated that W129th Street will be closed for a period of 6 months, starting in late December 2015.

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Did You Know?



The Harlem Holiday Lights decorated much of the 125th St. corridor for the holiday season and into the New Year. Columbia's contribution along with donations from other members of the 125th St. Business Improvement District (BID) and the broader business community helped to ensure that the corridor would be bright and festive for the season.

(Over)

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Construction Contracting

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Cumulatively from August 1, 2008, through September 30, 2015, Columbia paid \$116,305,107 to MWL firms, representing 33 percent of total construction spend. \$42,322,442 of that figure was paid to local companies.

Construction Workforce

In the third quarter 2015 (July 1 to September 30), the MWL construction workforce delivered 69,454 hours worked, representing 44 percent of the total workforce hours for the construction of the new Manhattanville campus. 10,373 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through September 30, 2015,

the MWL construction workforce delivered 910,778 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 187,546 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

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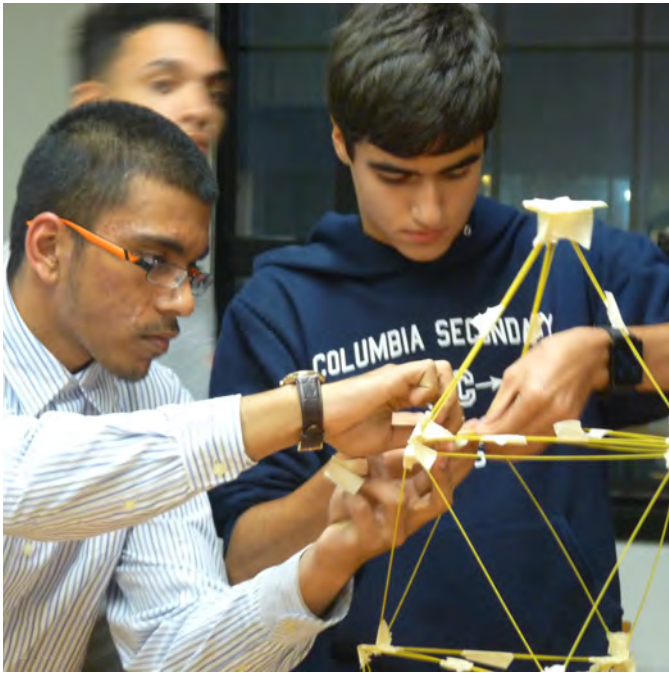
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Community News

Students from Columbia Secondary School Join the Manhattanville ACE Mentorship Team



High school students from the Columbia Manhattanville ACE Mentorship team constructing a structure using spaghetti and masking tape during an activity that introduced them to basic principles of design and engineering. Students were competing to build the tallest structure that could balance a marshmallow at its peak.

For the seventh time, Columbia's Manhattanville Development Group and its professional team of engineers, architects and construction managers are providing real-world insight into building design and construction for local students as part of the Architecture, Construction, and Engineering (ACE) Mentorship program.

This year marks the first time that students from Columbia Secondary School (CSS), a public math, science and engineering school covering 6th through 12th grades, are part of the Columbia Manhattanville team. The CSS participants are joining students from the Manhattan Center for Science and Mathematics in East Harlem and Midwood High School in Brooklyn on this year's Manhattanville ACE team.

"Getting high school students working with professionals and exposed to real-world projects involving architecture, engineering and construction is invaluable experience at such a young age," said Philip Pitruzzello, senior vice president of the Manhattanville Development Group at Columbia University. "The ACE Mentorship Program is one of our team's favorite community activities, as evident by this being the seventh year that we have done it. We're excited this year to have the participation of so many students from the immediate neighborhood at Columbia Secondary School joining the team."

Structured similarly to past years, the program takes place over the course of an academic year, beginning with presentations from professionals involved in the Manhattanville development to expose the students to all facets of a construction project.

The Manhattanville Development Group at Columbia University gave
January 2016 Update

a presentation from the perspective of a project owner. Other presenters included Lendlease, the construction manager; JB&B, a mechanical and electrical engineering, plumbing and fire protection consulting firm; Davis Brody Bond architects; Stantec, a provider of civil engineering consulting services; and WSP Group, structural engineers.

This year, the Columbia Manhattanville ACE team will be developing a simulated design on Site 4 of the Manhattanville project site, a triangular site approximately 35,000 square feet located between 125th and 130th Streets near Twelfth Avenue. The simulation activity this year involves creating three linked buildings – a cafeteria, residence hall and recreation center. Even though these simulated uses are not consistent with what the eventual use will be for Site 4, the exercise gives the students a taste of many real-world challenges of building in urban environments such as space constraints, site conditions and client requirements.

This year's Manhattanville ACE team is larger than past years with more than 25 student members. The team's size will allow the students to form separate groups based on subject matter – mechanical, electrical and plumbing; architectural; and structural engineering, mimicking how a real construction project is structured.

The program culminates with a group presentation of the simulated project plans – including the creation of a project model – in front of an expert panel in May. Marcelo Velez, associate vice president for project management and construction at Columbia's Manhattanville Development Group, is a board member of the ACE Mentor Program of Greater New York.



The winning structure and team members from the Columbia Manhattanville ACE Mentorship spaghetti building exercise.

(Over)

Construction Progress Images



Jerome L. Greene Science Center looking northwest



Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking east



Aerial view looking northeast

Sustainable Partnerships



January 2016 Update

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Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor storefront interior glass and vestibule installations are underway. Mechanical, electrical and plumbing work is ongoing. Flooring, millwork, interior partitions and ceiling work are in progress. The installation of the IT, security, fire alarm and audio visual systems are in progress.

Lenfest Center for the Arts

Exterior curtain wall soffits and bulkhead, urban layer waterproofing, and elevator installations are in progress. Electrical boxes and conduit installation are in progress on the cellar level to the 8th floor. Core drilling program is in progress. Interior walls, duct work, and plumbing in progress throughout the building. Acoustic ceilings on 3rd and 5th floors are installed. Acoustic floor on 6th floor is in progress. Installation of rooftop mechanical equipment, plenum, and roof waterproofing is ongoing. The installation of IT, security, and fire alarm are in progress.

Central Energy Plant (CEP)

Installation of electrical, plumbing gas vent piping work, gas meter room and branch circuit conduit systems and lighting has been completed. Steam piping installation is ongoing. Gas piping to boiler is complete. Installation of high pressure gas piping in the meter room is complete. Testing of the fire alarm system with the fire department is ongoing. Boiler equipment setup is ongoing. Fire pump testing is ongoing. The plant control room flooring and CUIT jacks are in progress.

University Forum

Site mobilization for the University Forum project has begun at the

triangular site bounded on the south side by W125th Street, on the east side by the elevated No. 1 Subway Line along Broadway, and on the north side at W129th Street by the future Lenfest Center for the Arts and Jerome L. Greene Science Center. The site mobilization will include the placement of concrete jersey barriers and perimeter fence installation on W125th Street and Broadway. Upcoming work will include preparation for temporary power and installation of sidewalk sheds.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Upcoming work will include installation of rebar mat for a concrete protection slab, structural concrete wall system for the Small Square plaza, backfill and compaction activities along the south face of Jerome L. Greene Science Center, and utility crossings along W129th Street. W129th Street is anticipated to be closed for a period of 6 months, starting in late February 2016.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Modifying fuel oil piping for inspection.

Did You Know?

The Annual Community Brain Expo is returning next month. Hosted by the Mortimer B. Zuckerman Mind Brain Behavior Institute, the Community Brain Expo is a free event open to the public featuring demonstrations by scientists and activities for all ages. Families, students and teachers are invited to test, trick and learn about their brain.

The Community Brain Expo takes place Wednesday March 16, from 2 to 5 p.m. at Columbia University Medical Center, Kolb Annex Lobby (40 Haven Ave., New York, NY). While the event is free, space is limited. To register and learn more, please visit <http://tinyurl.com/brainexpo2016>.

(Over)

What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

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In the third quarter 2015 (July 1 to September 30), Columbia paid \$11,915,353 to MWL firms, representing 57 percent of total construction spend. \$1,284,494 of that figure was paid to local companies.

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In the third quarter 2015 (July 1 to September 30), the MWL construction workforce delivered 69,454 hours worked, representing 44 percent of the total workforce hours for the construction of the new Manhattanville campus. 10,373 hours of that figure were performed by the local workforce.

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Project News

Switzer Group Architects Convert Former Studebaker Car Finishing Plant for Columbia University



Open area of the Zuckerman Institute's office space on the sixth floor of the Studebaker Building. Design for the building's restoration on behalf of Columbia University was completed by the Switzer Group. (Credit: Colin Miller)

In the late 1920s, newly built Studebaker cars received their final touches while rolling through the interior ramps of one of the company's east coast distribution centers at 615 W131st Street in Manhattan.

The interior ramps, which connected all six of the building's floors, proved useful for a car finishing plant and the building's subsequent use as a milk processing plant. But that unique attribute was one of many challenges the Switzer Group faced while designing the interior fit-out to convert the building to office use for Columbia University. The renovations were part of the university's historic preservation commitment for select buildings within the Manhattanville campus.

"Built in the early 1920s for light industry, the Studebaker Building in Manhattanville had several challenging aspects to create a modern office building, in terms of both age and use," said Greg Gresham, a principal at the Switzer Group. "The right interior design overcomes challenges to accentuate the building's natural advantages – high ceilings, large windows, natural light and vistas of the Hudson River."

The Switzer Group, a prominent interior architecture firm headquartered in midtown Manhattan and 100 percent Minority-Owned-Business-Enterprise, recently completed their work at the Studebaker Building with the build-out of the building's top floor. There, they combined the building's natural advantages with modern-day workplace priorities and Columbia's requirements for the number of people to fit in the space.

Clear glass partitions for offices and low work stations maximize the natural light and views of the Hudson River throughout the space. The sixth floor space was also designed with collaboration in mind, adding small team rooms, large conference rooms and other informal meeting spaces with traditional workstations and private offices.

"In today's technological age of telecommuting, workers expect flexibility, mobility, and variety for their days in the office," continued Gresham. "The office experience must give them more than sitting

alone at a desk all day. If there's no collaboration, they question why they battled the commute in the first place."

Two spaces on Studebaker's sixth floor in particular emphasize the modern-day collaborative workspace.

Within the space for the administrative and development staff of the Mortimer B. Zuckerman Mind Brain Behavior Institute, there is a mediascape. Located within the space's open center, the mediascape features a flat-screen television with simple connectivity surrounded by soft benches and stools, offering workers a convenient, informal place to meet, present and share information.

The floor's café turns the idea of a traditional lunch room on its head. "Individuals want to be able to use spaces 24 hours a day. Areas traditionally used for eating must offer more," said Gresham.

The café centers around an island with multiple plug-in ports and a flat-screen television. There, workers can meet informally, give presentations or change the setting of their individual work environment while also use the space for the more traditional uses of breakfast, lunch and coffee breaks.

Collaboration was not the only success of the Switzer Group's interior design. So too was creating a design in line with Columbia's high sustainability goals.

The second floor of Studebaker received a LEED Silver designation for Commercial Interiors, and the sixth floor is aiming to receive a Silver designation at a minimum. Energy efficient lighting and upgraded mechanical, electrical and plumbing systems, along with the use of recycled materials, included some of the sustainable elements that led to the LEED designation.

"Columbia's approach for the Studebaker building combined historic preservation and sustainable design with meeting the customized requirements of the diverse departments occupying the building. The Switzer Group was the university's partner from the start of the project, and the end result restored a building that respectfully bridges Manhattanville's rich, industrial history with Columbia's vision for the future," said David M. Greenberg, executive vice president, Columbia University Facilities and Operations and former executive director of the Zuckerman Institute when the sixth floor space was in design and construction.

In addition to the Zuckerman Institute, the sixth floor of the Studebaker Building is occupied by the Finance Department and Columbia University Information Technology. Other building occupants include University Human Resources, the Manhattanville Development Group, Manhattanville Operations and a café on the first floor.

Before designing the sixth floor interior space, the Switzer Group designed interior fit-outs for the building's second, third, fourth and fifth floors, along with some work on the first floor.

Greg Gresham, a 25-year Harlem resident and graduate of Columbia University's Graduate School of Architecture, Planning and Preservation, was the Switzer Group's lead principal on the Studebaker Building project. Michael Lawrence (project architect), Brad Davis (creative director) and Qun Yao (design) rounded out the Switzer Group's team on the project.

(Over)

Construction Progress Images



Jerome L. Greene Science Center looking northwest



Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking east



Aerial view looking northeast

Sustainable Partnerships



February 2016 Update

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Growing Together

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Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor storefront interior glass and vestibule installations are underway. Mechanical, electrical and plumbing work is ongoing. Flooring, millwork, interior partitions and ceiling work are in progress. The installation of the IT, security, fire alarm and audio visual systems are in progress. Roof terrace paver installation is underway.

Lenfest Center for the Arts

Exterior curtain wall soffits and bulkhead, urban layer waterproofing, and elevator installations are in progress. Electrical boxes and conduit installation are in progress on the cellar level to the 8th floor. Core drilling program is in progress. Interior walls, duct work, and plumbing in progress throughout the building. Acoustic ceilings on 3rd and 5th floors are installed. Acoustic floor on 4th and 5th floors is in progress. Installation of rooftop mechanical equipment, plenum, and roof waterproofing is ongoing. The installation of IT, security, and fire alarm are in progress. Millwork wall panels and desks are underway.

Central Energy Plant (CEP)

Inspection of fire alarm devices ongoing. Steam piping installation is ongoing. Gas piping to boiler is complete. Installation of high pressure gas piping in the meter room is complete. Testing of the fire alarm system with the fire department is ongoing. Boiler equipment setup is ongoing. Fire pump testing is ongoing. The plant control room flooring and CUIT jacks are in progress. Mechanical system testing is ongoing.

University Forum

Excavation and installation of support of excavation operation for the University Forum project has begun at the triangular site bounded on the south side by W125th Street, on the east side by the elevated No. 1 Subway Line along Broadway, and on the north side at W129th Street by the future Lenfest Center for the Arts and Jerome L. Greene Science Center. Upcoming work will include excavation, installation of the support of excavation system, temporary power, and installation of sidewalk sheds.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Upcoming work will include installation of rebar mat for a concrete protection slab, structural concrete wall system for the Small Square plaza, backfill and compaction activities along the south face of Jerome L. Greene Science Center, and utility crossings along W129th Street. W129th Street is anticipated to be closed for a period of 6 months, reopening this summer.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Department of Buildings and FDNY tank inspections passed. Engine startup and commissioning beginning before the end of March.

(Over)

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Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

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Project News

University Forum – The Next Building on the Manhattanville Campus



A rendering of the University Forum, the next building under construction at the Manhattanville campus, to be located on the northwest corner of W125th Street and Broadway

As interior construction continues on the first two buildings of the Manhattanville campus – the Jerome L. Greene Science Center and Lenfest Center for the Arts – site preparation for the third building on the campus has begun.

University Forum, as the third building will be known, will be three-stories tall and will also include below-grade space, totaling approximately 56,000 square feet. The building – considered in some ways as an academic conference center – will feature a 430-seat auditorium, providing the type of shared-meeting and large auditorium space that the university has historically lacked.

The building will also include meeting rooms, faculty offices and open gathering spaces, and will have approximately 4,200 square feet of retail space on the ground level.

A gateway to the Manhattanville campus from the south, the triangular site where the University Forum will be located is bounded on the south side by West 125th Street, on the east side by the elevated No. 1 Subway Line along Broadway, and on the north side



The University Forum features a 430-seat auditorium, providing the university with a large lecture and multi-purpose space that has historically been lacking

at West 129th Street by the Lenfest Center for the Arts and the Jerome L. Greene Science Center.

The University Forum was designed by Renzo Piano Building Workshop with Dattner Architects as Executive Architect. The architect wrapped the exterior with precast concrete panels and a glass curtain wall to differentiate it from the surrounding metal and glass buildings. The design for the building echoes the historic viaducts which form the boundaries of the new Manhattanville campus on its eastern and western ends: one supporting the 1 subway train and the other Riverside Drive.

The Jerome L. Greene Science Center and Lenfest Center for the Arts were also designed by Renzo Piano Building Workshop, with Davis Brody Bond as Executive Architect.

Site preparation for University Forum started in February 2016. That will be followed by excavation, foundations, structural steel, slabs on deck, pre-cast architectural panels, curtain wall and storefront installation, building risers and equipment, interior fit out, commissioning and site finishes.



A view of the University Forum from West 125th Street, looking east



(Over)

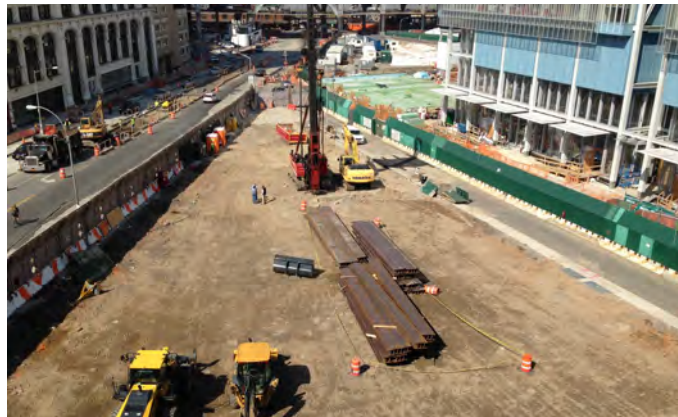
Construction Progress Images



Jerome L. Greene Science Center looking northwest



Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking east



The University Forum site looking west



Aerial view looking northeast

Sustainable Partnerships

LEED ND
Stage 1
Platinum
Certified Plan





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(Over)

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In the fourth quarter 2015 (October 1 to December 31), Columbia paid \$7,808,816 to MWL firms, representing 22 percent of total construction spend. \$2,033,486 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through December 31, 2015, Columbia paid \$124,113,923 to MWL firms, representing 32 percent of total construction spend. \$44,355,928 of that figure was paid to local companies.

Construction Workforce

In the fourth quarter 2015 (October 1 to December 31), the MWL construction workforce delivered 77,182 hours worked, representing 47 percent of the total workforce hours for the construction of the new Manhattanville campus. 11,599 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through December 31, 2015, the

MWL construction workforce delivered 997,118 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 199,501 hours of that figure were performed by the local workforce.

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(Over)

Community News

Columbia's Zuckerman Institute Shares the Wonders of Brain Science with People of All Ages



Children visiting the Zuckerman Institute's annual Community Brain Expo touched a real brain (a preserved one) while putting their own brains to the test. (Photo credit: Michael DeVito)

Usually, science takes place in the lab. But last month, Columbia's Mortimer B. Zuckerman Mind Brain Behavior Institute brought science to neighboring communities in Upper Manhattan.

On March 16, children, teachers and parents participated in a series of hands-on activities led by Columbia neuroscientists.

In its fourth year, the Community Brain Expo is part of Brain Awareness Week, a global campaign to raise awareness about the brain and neuroscience research. During the Expo, which was held at the Kolb Annex of the New York State Psychiatric Institute, visitors tested and tricked their brains while discovering how our brains guide our senses and help us interpret the world. Participants were even able to hold a real (preserved) brain.

"We hope that people who attend the Community Brain Expo come away with a new understanding of how our brains help us experience

the outside world," says Kelley Remole, PhD, the Zuckerman Institute's director of governance, research support and neuroscience outreach. "By providing interactive, audience-focused activities appropriate for all ages in our community, we can share the phenomenal research happening in our labs every day."

To learn more about the Zuckerman Institute's public programs, visit the institute's website (zuckermaninstitute.columbia.edu), facebook.com/zuckermaninstitute and Twitter [@zuckermanbrain](https://twitter.com/zuckermanbrain).



A student tries to distinguish jellybean flavors without being able to see or smell, part of a hands-on demonstration during the Zuckerman Institute's Community Brain Expo in March (Photo credit: Michael DeVito)



Students attempt to hit a target throwing a bean bag while wearing goggles that distorted their vision as part of a demonstration during the Zuckerman Institute's Community Brain Expo in March (Photo credit: Michael DeVito)



Students at the Zuckerman Institute's Community Brain Expo in March (Photo credit: Michael DeVito)

(Over)

Construction Progress Images



Jerome L. Greene Science Center looking northwest



Lenfest Center for the Arts (foreground) and the Jerome L. Greene Science Center looking east



The University Forum site looking east



Aerial view looking northeast

Sustainable Partnerships

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Growing Together

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Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor storefront interior glass and vestibule installations are nearing completion. Mechanical, electrical and plumbing work is ongoing. Flooring, millwork, interior partitions and ceiling work are in progress. The installation of the IT, security, fire alarm and audio visual systems are in progress. Roof terrace and ground floor paver installations are underway. Loading dock installations are underway. Equipment installations are underway.

Lenfest Center for the Arts

Electrical boxes and conduit installation are in progress on the cellar level to the 8th floor. Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, and fire alarm are in progress. Millwork wall panels and desks are underway. Film screening room seating risers and elevator cab installation are in progress.

University Forum

Excavation and installation of support of excavation operation for the University Forum project is ongoing at the triangular site bounded on the south side by W125th Street, on the east side by the elevated No. 1 Subway Line along Broadway, and on the north side at W129th Street by the future Lenfest Center for the Arts and Jerome L. Greene Science Center. Excavation, installation of the support of excavation system, temporary power, installation of sidewalk sheds, and dewatering preparation are ongoing.

Central Energy Plant (CEP)

Inspection of fire alarm devices has been substantially completed. Steam piping installation is complete. Testing of the fire alarm system with the fire department is complete. Boiler testing

equipment setup is ongoing. Fire pump testing is complete. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Upcoming work will include installation of rebar matt for a concrete protection slab, structural concrete wall system for the Small Square plaza, backfill and compaction activities along the south face of Jerome L. Greene Science Center, and utility crossings along W129th Street. W129th Street is anticipated to be closed for a period of 6 months, reopening this summer.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Department of Buildings and FDNY tank inspections passed. Engine startup and commissioning is complete. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is underway.

Did You Know?

Columbia University has created a new exhibit on the history of Manhattanville. See page three of this newsletter to learn more.



What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

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Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the fourth quarter 2015 (October 1 to December 31), Columbia paid \$7,808,816 to MWL firms, representing 22 percent of total construction spend. \$2,033,486 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through December 31, 2015, Columbia paid \$124,113,923 to MWL firms, representing 32 percent of total construction spend. \$44,355,928 of that figure was paid to local companies.

Construction Workforce

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Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

We are working with our construction partners Skanska USA/the Velez Organization (for the University Forum) and McKissack (for the Jerome L. Greene Science Center and Lenfest Center for the Arts) to assist those interested in employment with construction firms currently working at Columbia. For more information, please visit the Manhattanville Employment Opportunities page at manhattanville.columbia.edu/employment-opportunities-manhattanville.

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Community News

Columbia Unveils New Historical Exhibition in Manhattanville

Sheffield Farms, the Milk Industry and the Public Good



Columbia opened a new interpretive exhibit, looking at Manhattanville and its history as a New York nexus, launching with a focus on the dairy industry in "Sheffield Farms, the Milk Industry, and the Public Good." More information about the exhibit and visiting can be found at manhattanville.columbia.edu/interpretive-exhibit.

By Acacia O'Connor

On the south side of West 125th Street stands a four-story, century-old building whose façade is sheathed in milky white terracotta. Members of the Columbia community know it as Prentis Hall, which houses parts of the School of the Arts. But when it was built in 1909, at the same time that the Morningside Heights campus was taking shape a few blocks down Broadway, it was a state-of-the-art bottling plant for Sheffield Farms, one of the many dairy companies that thrived in the industrial neighborhood of Manhattanville.

This spring, that slice of history is the focus of an interpretive exhibition, "Sheffield Farms, the Milk Industry, and the Public Good," created by Columbia University Libraries and University Facilities and Operations to explain Manhattanville as a New York nexus, and to fulfill part of Columbia's commitments to New York City and State in building the Manhattanville campus.

"We really wanted to bring this unique history to life," said La-Verna Fountain, project sponsor and vice president for Construction Business Services and Communications. "Who better to do that than our very own Carole Ann Fabian? The team that she put together created an exhibit that went far beyond what we could have imagined."

To get at the heart of the area's history, Fabian, director of Avery Architectural & Fine Arts Library, enlisted faculty and administrators from across the University, including historian Eric K. Washington, a Columbia Community Scholar and author of *Manhattanville: Old Heart of West Harlem*. Historical photographs, artifacts and a short documentary offer a panorama of a diverse rural village as it transitioned to an industrial part of a growing New York. Central to this history are the local children who often fell ill due to tainted milk.

"People who learn about this history will not be able to look in their grocery store the same way again," said exhibition curator Thai Jones, the Herbert H. Lehman Curator for U.S. History at the Rare

Book & Manuscript Library

Farming was commonplace in Upper Manhattan in the 1800s. Livestock grazed on town greens, so fresh milk was close at hand. As the city expanded north, milk production was pushed further uptown. Cows were housed adjacent to breweries and tanneries that spewed fumes and polluted rivers and streams. Increasingly, farming and industry became intertwined in ways that threatened public health.

"Much of the milk produced for New York was this city milk, which they called swill milk," said Fabian.

New York's milk was blue and thin, a product of sickly cows feeding on factory runoff, such as the barley mash from nearby breweries. To give milk a wholesome appearance, producers added chalk to give it a whiter color, and dirt or plaster to add thickness.

Country milk was hauled in on trains, but it was not pure either. Refrigeration was not yet common, so milk would sit on open train cars or in vats in grocery stores, where people ladled it into an open bucket and carried it home.

Not surprisingly, milk-borne diseases led to soaring infant mortality rates. From 1901 to 1905, nearly two in every 10 children died before their first birthday.

"Most people don't give a moment's thought to that basic household need. But 100 years ago that decision was a matter of life and death," said Jones.

To combat this public health emergency, scientists including Columbia chemistry professor Charles F. Chandler joined forces with local leaders and business owners to advance milk science, educate the community and create regulations to make the milk supply safe.

Fabian drew a parallel between the uses of science for the public good then and now, as the University prepares to open the Jerome L. Green Science Center, the first building of the new Manhattanville campus. Where Sheffield Farms once housed its fleet of delivery horses, Nobel prize-winning neuroscientists will gather with a diversity of scholars in search of new insights on the human brain.

"Our goal at Columbia is serving the public good, using all our capacity to solve real world problems through our research efforts, our involvement with the community and our advocacy," said Fabian. "I don't think any of us knew when we started our research how relevant the Sheffield Farms story was to how we think about our University now."

The Sheffield Farms exhibition opened in April. For more information, visit the exhibition website at manhattanville.columbia.edu/interpretive-exhibit.

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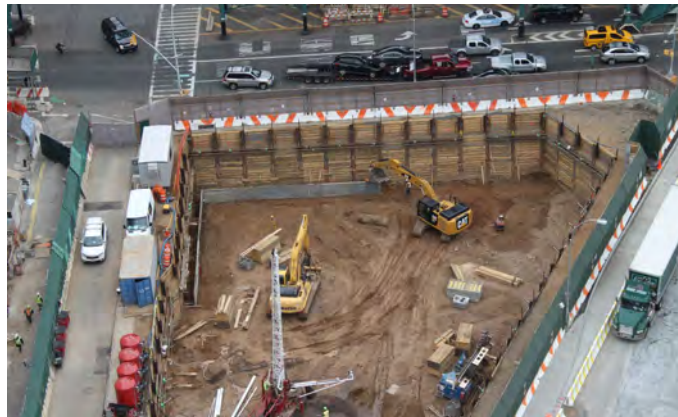
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Jerome L. Greene Science Center looking northwest



Lenfest Center for the Arts (foreground) and the Jerome L. Greene



The eastern part of the University Forum site looking east



Aerial view looking northeast

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Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor storefront interior glass and vestibule installations are nearing completion. Flooring, millwork, interior partitions and ceiling work are nearing completion. The installation of the IT, security, fire alarm and audio visual systems are in progress. Loading dock installations are underway. Equipment installations are underway.

Lenfest Center for the Arts

Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, and fire alarm are in progress. Film screening room seating risers and elevator cab installation are in progress. Rooftop pavers underway

University Forum

Excavation and installation of support of excavation operation for the University Forum are almost complete. Dewatering is ongoing. Installation of mud slab followed by waterproofing placement and reinforcement for the concrete mat slab and elevator pit continues. Formwork, anchor bolts, reinforcement and concrete placement for the foundation walls and columns are ongoing.

Central Energy Plant (CEP)

Inspection of fire alarm devices has been substantially completed. Testing of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Fire pump testing is complete. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Upcoming work will include installation of rebar matt for a concrete protection slab, structural concrete wall system for the Small Square plaza, curb and sidewalk activities along the south face of Jerome L. Greene Science Center, and utility crossings along W129th Street. W129th Street is anticipated to be closed for a period of 6 months, reopening later this summer.

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Did You Know?



Photo credit: Nilsa LaSalle

Bloomingdale School of Music (BSM) honored Columbia Community Service in May for its longtime support of local non-profits, including providing scholarships to BSM for 30 years. Founded in 1964, Bloomingdale School of Music is all about access, providing music instruction to anyone without regard to ability or financial means. More than 20 percent of Bloomingdale's student body receives scholarship assistance annually.

(Over)

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Project News

Columbia University Receives First Temporary Certificate of Occupancy at Manhattanville Campus

Central Energy Plant will provide efficient energy to Phase 1 buildings of new campus



Members of Columbia's Manhattanville team cut a ribbon during an event in May at the Central Energy Plant in recognition of achieving the first temporary certificate of occupancy at the Manhattanville campus. The Central Energy Plant is a below grade facility that provides chilled water, high pressure steam and normal electric power across the Manhattanville campus.

As construction for the Jerome L. Greene Science Center and Lenfest Center for the Arts gets closer to completion, Columbia University received its first temporary certificate of occupancy (TCO) at the Manhattanville campus. The first TCO was awarded not for a new building, but for something fundamental to the operation of the entire campus – the Central Energy Plant (CEP).

In many ways the Central Energy Plant provides the new campus its vital organs. As its name implies, the CEP is a single, central location that provides chilled water, high pressure steam and normal electric power across the Manhattanville campus.

Located below the Jerome L. Greene Science Center and the Lenfest Center for the Arts, the CEP consists of two floors below grade and currently occupies 57,000 gross square feet. Designed to serve all buildings in Phase 1 of the Manhattanville campus, the CEP will expand to a total of 75,000 gross square feet when more buildings are constructed during the project's second phase. The CEP includes a refrigeration plant, high-efficiency dual-fuel-fired (oil and natural gas) boiler plant, normal electric power service from Con Edison, a robust emergency/standby diesel generator plant, and associated support and advanced control systems.

"In the ways that a heart gives life to a person, the Central Energy Plant is the heart of the Manhattanville campus," said Marcelo Velez, vice president of the Manhattanville Development Group. "We're pausing to celebrate the TCO milestone, not only because it is significant, but also because the CEP supplies fundamental services to the buildings on campus. Getting to this point took a lot of hard work from a lot of people – from architects and engineers to construction workers to our own staff – and we thank them all for making it happen."

"The Central Energy Plant contributes to the many positive environmental accolades that the Manhattanville campus has

received," said Wil Elmes, associate vice president for engineering and technical services for the Manhattanville Development Group. "A centralized plant is a more efficient way to deliver services, significantly reducing fuel consumption and stack emissions, while also avoiding the redundancy of having boilers and stacks at each building for heating. In addition, the Central Energy Plant is extremely efficient compared to most existing buildings in the area, producing 27 to 30 percent fewer emissions than the industry standard based on a recent analysis."

Elements of the Central Energy Plant include:

- A central chilled water plant with electric motor and steam turbine-driven, centrifugal refrigeration machines; variable speed pumps for each chiller; refrigeration monitoring system; automatic controls and more
- A high pressure steam plant featuring high efficiency modulating low NOx burners
- Natural gas and fuel oil systems, such that the plant can switch from natural gas to No. 2 oil when requested by our local utility during periods of peak city-wide demand for natural gas to help ensure that the city's gas storage supplies are kept at a safe level
- Emergency generators, located on the roof of the Studebaker Building, which would automatically activate during a loss of normal electric power from Con Edison; all essential systems and equipment, including life safety systems, are backed up by the emergency generator plant

Earlier this spring, members of the Manhattanville Development Group and Columbia University Facilities and Operations joined representatives from the design and construction teams to recognize this important milestone.

"The amount of planning required to build a new campus cannot be overstated," said Frank Martino, vice president of operations at Columbia University Facilities and Operations. "It's laudatory that everyone involved in the process recognized the best practice in following the centralized energy system in place at the Morningside campus as the best way to build a strong foundation to support the buildings in Manhattanville. We are proud to have worked with the design, engineering and construction teams to build and now operate the state-of-the-art Central Energy Plant."

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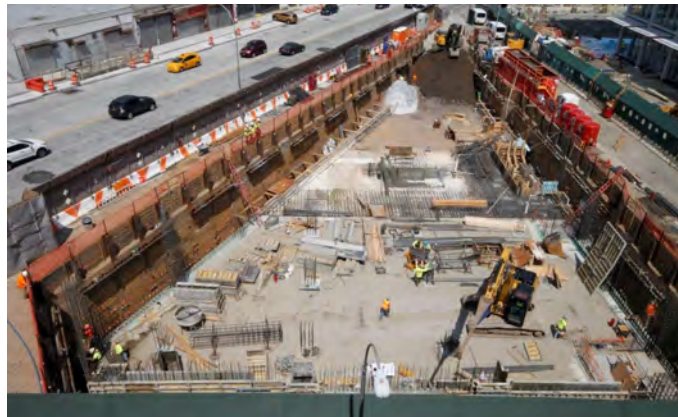
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Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor vestibule installations are nearing completion. Flooring, millwork, interior partitions and ceiling work are nearing completion. The installation of the IT, security, fire alarm and audio visual systems are in progress. Loading dock installations are underway. Equipment installations are underway. Terrace pavers are complete, and tree pit and trees are installed.

Lenfest Center for the Arts

Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, and fire alarm are in progress. Rooftop paver installation is underway. Shade installation and flooring are underway throughout the building.

University Forum

Excavation and installation of support of excavation operation for the University Forum are complete. Dewatering is ongoing. Formwork, anchor bolts, reinforcement and concrete placement for the foundation walls, columns and urban layer slab are ongoing. Additionally, perimeter foundation wall waterproofing, insulation and filter fabric installation are underway. Following that, backfill of foundation walls will commence.

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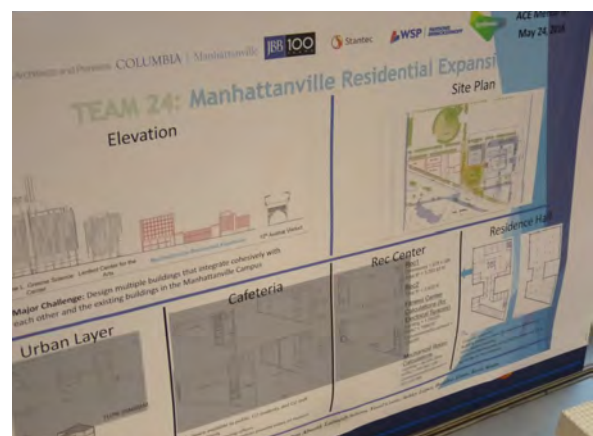
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Did You Know?



Columbia's Manhattanville Development Group and its engineering, architecture and construction partners mentored a team of high school students for the seventh year. Part of the ACE Mentorship program, the team presented its year-long project design at an event in late May. See page 3 of this newsletter for more information. *(Over)*

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Cumulatively from August 1, 2008, through March 31, 2016, Columbia paid \$130,643,546 to MWL firms, representing 31 percent of total construction spend. \$46,055,400 of that figure was paid to local companies.

Construction Workforce

In the first quarter 2016 (January 1 to March 31), the MWL construction workforce delivered 89,432 hours worked, representing 49 percent of the total workforce hours for the construction of the new Manhattanville campus. 12,706 hours of that figure were performed by the local workforce.

Cumulatively from August 1, 2008, through March 31, 2016, the

MWL construction workforce delivered 1,097,924 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 212,223 hours of that figure were performed by the local workforce.

Jobs and Opportunities

As the project progresses, we expect additional opportunities for people with a wide range of skills and experience in the coming years.

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Project News

Construction Industry Award Recognizes Columbia University's Communications and Community Engagement Leadership during Construction of Manhattanville Campus



Marcelo Velez, vice president of Columbia's Manhattanville Development Group, receiving the BTEA Leadership Award on behalf of David M. Greenberg, executive vice president of Columbia University Facilities and Operations, from Ralph Esposito, president of Lendlease US Construction

A typical celebration of design and construction feats was replaced by a recognition of community communications and diversification programs as the Building Trades Employers' Association (BTEA) honored Columbia University's Manhattanville development with a leadership award for communications and community engagement. The award was presented to David M. Greenberg, executive vice president, Columbia University Facilities and Operations, and was received by Marcelo Velez, vice president of Columbia's Manhattanville Development Group during the BTEA's Annual Leadership Awards ceremony on June 23.

"Columbia receiving this award is a recognition to the construction industry in New York City that engaging the community and creating opportunities for minority, woman and local businesses and workers are critical components of successful construction," said Greenberg. "We are proud to accept this honor from the BTEA for the impact that the university and the construction team have had in this area locally and within the industry."

The award recognizes Columbia University's holistic and comprehensive approach to diversity hiring, construction communications and community engagement after eight years of site work and building construction, leading to the completion of the first two buildings at Columbia's new Manhattanville campus – the Jerome L. Greene Science Center and Lenfest Center for the Arts – anticipated for later this year.

"BTEA is proud to recognize Columbia's innovative approach to diversity outreach and engaging the community in the construction of the Manhattanville campus as well as ongoing M/WBE efforts in their future capital construction program," said BTEA President and CEO Louis Coletti. "These characteristics allow New York City to maintain its position as the capital of the world."

For more information about this award, visit <http://manhattanville.columbia.edu/news-598>.

Community News

Students Complete Mentorship Program under Guidance from Manhattanville Team

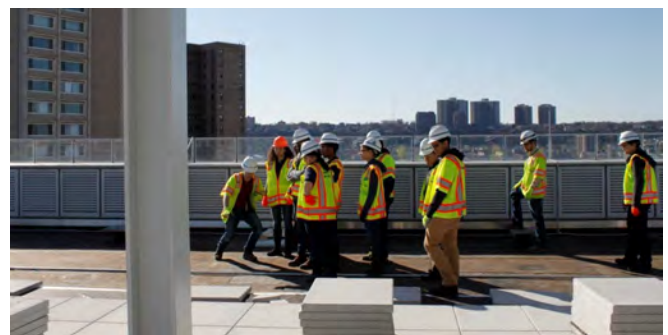


Students and mentors from the 2015-16 Manhattanville Team, part of the ACE Mentorship program

For the seventh year, members of Columbia's Manhattanville Development Group joined with its professional services partners to mentor a team of high school students as part of the Architecture, Construction and Engineering (ACE) Mentorship program. The program provides students with real-world exposure and access to the architecture, construction and engineering industries much earlier than they would typically have the opportunity.

This year's final presentation took place at Columbia University's Morningside Heights campus. Members of the Manhattanville team, which this year consisted of students from Columbia Secondary School, the Manhattan Center for Science and Mathematics in East Harlem and Midwood High School in Brooklyn, presented their designs for simulated buildings on the site to a panel of experts. In their design, the students sought to follow many of the design principles integral to the real Manhattanville development, including making the street-level "urban layer" open and publicly accessible.

The students were mentored by professionals at Columbia's Manhattanville Development Group, construction manager for many phase 1 buildings, Lendlease, and other design and construction partners including Davis Brody Bond architects; JB&B, a mechanical and electrical engineering, plumbing and fire protection consulting firm; Stantec, a provider of civil engineering consulting services; and WSP Group, structural engineers.



Students touring the Jerome L. Greene Science Center as part of the ACE Mentorship program

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Construction Progress Images



Jerome L. Greene Science Center looking northwest



The Jerome L. Greene Science Center (left) and Lenfest Center of the Arts (right) looking south



The University Forum site looking west



Aerial view looking northeast

Sustainable Partnerships

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Growing Together

Monthly Newsletter for Columbia University's Manhattanville in West Harlem Development

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Project Scope

The initial phase of development will include the Jerome L. Greene Science Center, the Lenfest Center for the Arts, a new home for the Columbia Business School, and the University Forum. Later phases will emphasize interdisciplinary scholarship, including biomedical engineering, nanotechnology, systems biology, and urban and population studies, as well as housing for graduate students and faculty.

Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor vestibule installations are nearing completion. Flooring, millwork, interior partitions and ceiling work are nearing completion. The installation of the IT, security, fire alarm and audio visual systems are in progress. Loading dock installations are underway. Terrace pavers are complete, and tree pit and trees are installed. Furniture systems are underway.

Lenfest Center for the Arts

Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, and fire alarm are in progress. Rooftop paver installation is underway. Shade installation and flooring are underway throughout the building.

University Forum

Excavation and installation of support of excavation operation for the University Forum are complete. Demobilization of dewatering is underway. Formwork, shoring, anchor bolts, reinforcement and concrete placement for the urban layer slab are ongoing.

Central Energy Plant (CEP)

Inspection of fire alarm devices has been substantially completed. Testing of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

Small Square

The first phase of Manhattanville's open space project, which lies north of W129th Street, south of Lenfest, and west of the Jerome L. Greene Science Center, is underway. Upcoming work will include installation of forms for granite stairs, backfill operations, and Silva Cells for tree support and stormwater management; and curb and sidewalk activities along the south face of Jerome L. Greene Science Center. W129th Street is anticipated to be closed until late August.

Phase 1 Emergency Generator Project

Furnish and install emergency generator plant on the roof of the Studebaker building to provide emergency power to the Manhattanville campus. Department of Buildings and FDNY tank inspections passed. Engine startup and commissioning is complete. Automatic transfer switch commissioning at the Central Energy Plant/Jerome L. Greene Science Center is underway. Operations training is underway.

Did You Know?



Empire State Development and Columbia University are hosting a **Career and Resource Expo on Wednesday, September 7, 2016**. Attend the career and resource expo to learn more about open positions and meet with hiring managers. See page 3 of this newsletter for more details or visit CareerExpoCU2016.Eventbrite.com.

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What to Expect

Although contractors carefully stage construction activities to minimize disruption to the surrounding community, the nature of construction work is such that some disruptions will occur. The community should expect the following in the coming months:

- Regular work hours are 7:00am - 6:00pm Monday through Friday
 - Weekend work may be performed.
- Above and below grade hoists are operational.
- Closure of certain traffic lanes, parking lanes, sidewalks and crosswalks, including:
 - West 129th Street between Broadway and W125th Street has closed and is expected to remain closed until late August.
 - No standing on West 125th Street between Broadway and West 129th Street.
 - There is a no parking zone in effect on the west side of Broadway from West 129th to 130th Streets.
 - The construction fence is on the curb line and the existing Broadway sidewalk has been closed from West 129th to West 130th Street. The Broadway parking lane is being used as a temporary pedestrian walkway, and barriers have been installed to separate pedestrians from traffic lanes.
 - West 131st Street between Broadway and 12th Ave will close in August and will remain closed until the end of 2018.

Community Amenities and Benefits

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Minority, Women, and Local Businesses and Workforce

Columbia has made a significant commitment to the minority, women, and local (MWL) construction contracting and workforce community throughout the course of the project: MWL construction trade contracting goal of 35 percent and MWL construction trade workforce goal of 40 percent. Working with construction contractors and the building trades, Columbia is working to enhance the role MWL firms and workers play in building the new campus. All figures represent non-specialty construction services and related materials.

Construction Contracting

In the first quarter 2016 (January 1 to March 31), Columbia paid \$6,529,623 to MWL firms, representing 23 percent of total construction spend. \$1,699,472 of that figure was paid to local companies.

Cumulatively from August 1, 2008, through March 31, 2016, Columbia paid \$130,643,546 to MWL firms, representing 31 percent of total construction spend. \$46,055,400 of that figure was paid to local companies.

Construction Workforce

In the first quarter 2016 (January 1 to March 31), the MWL construction workforce delivered 89,432 hours worked, representing 49 percent of the total workforce hours for the construction of the new Manhattanville campus. 12,706 hours of that figure were

performed by the local workforce.

Cumulatively from August 1, 2008, through March 31, 2016, the MWL construction workforce delivered 1,097,924 hours worked, representing 50 percent of the total workforce hours for the construction of the new Manhattanville campus. 212,223 hours of that figure were performed by the local workforce.

Jobs and Opportunities

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Community News

Columbia University Hosts New York City Economic Development Day As Part of *Harlem Week* Events



Columbia University's Alfred Lerner Hall was the setting for the Greater Harlem Chamber of Commerce's New York City Economic Development Day, part of the Chamber's Harlem Week events

Hundreds of community, business and political leaders across Harlem and New York City joined together on August 11 to discuss important topics impacting health and economic development in the city, and to celebrate and honor several individuals and entities, including Congressman Charles B. Rangel and Rev. Al Sharpton. The event took place at Columbia University's Alfred Lerner Hall and was part of the Greater Harlem Chamber of Commerce's *Harlem Week* events.

The event kicked off with panel discussions on business and health, focusing on topics such as promoting diversity in business and government, an update on addressing the Zika virus and hospice and palliative care within the Affordable Care Act.

During the business awards luncheon in Roone Arledge Auditorium, the Chamber honored Rev. Al Sharpton, founder and president of the National Action Network, as the third recipient of the Basil A. Paterson Award for his lifetime of work fighting for justice and equality. Other honorees included Kim Y. Royster, the first African American female assistant chief in the history of the New York Police Department, with the Public Service Award; John Schreiber, president and CEO of the New Jersey Performing Arts Center, with the Outstanding Arts and Culture Award; and Verizon FIOS NY MDU Markets with the Corporate Diversity Award. The afternoon concluded with a business technology summit.



But perhaps the most emotional moment of the day came when the audience showed their appreciation for outgoing Congressman Rangel for his 46 years of leadership and service representing Harlem, Upper Manhattan and other parts of New York City.

August 2016 Update

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Community Event

Career and Resource Expo To Be Held September 7, Hosted by Empire State Development and Columbia University



Photo: Bruce Gilbert

Empire State Development and Columbia University are hosting a **Career and Resource Expo** on Wednesday, September 7, 2016.

Interested in a new position? Columbia University and its partners are hiring for a host of positions. Attend the career and resource expo to learn more about open positions and meet with hiring managers. You will also have the opportunity to speak with job skills training providers and participate in a job readiness workshop.

When: Wednesday, September 7, 2016

9:30 a.m. – 3:00 p.m.

3:00 p.m. – 5:00 p.m. Work Readiness Workshop

Where: Lerner Hall – Roone Arledge Auditorium
2920 Broadway (at 115th Street)

PRE-REGISTRATION IS STRONGLY ENCOURAGED

Registration must be completed by Friday, September 2, 2016 at CareerExpoCU2016.Eventbrite.com

Jobseekers who require assistance completing the registration, please visit the Columbia Employment Information Center prior to September 2, at 3180 Broadway (near 125th Street), Monday through Friday between 10 a.m. and 4 p.m.

IMPORTANT INFORMATION TO BRING TO THE EXPO:

- Updated Résumé
- Printed Registration Confirmation Email
- Current Union Membership Card (If Applying for a Construction Position)

To view examples of available positions and to register, please visit CareerExpoCU2016.Eventbrite.com.

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Construction Progress Images



Jerome L. Greene Science Center looking northwest



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking north



The University Forum site looking west



Aerial view looking northeast

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Current Construction Activity

Jerome L. Greene Science Center

Curtain wall ground floor vestibule installations are nearing completion. The installation of the IT, security, fire alarm and audio visual systems are in progress. Loading dock installations are nearing completion. Furniture systems are underway. Temporary certificate of occupancy has been granted by the New York City Department of Buildings.

Lenfest Center for the Arts

Interior walls, duct work, and plumbing in progress throughout the building. The installation of IT, security, audio/visual and fire alarm are in progress. Shade installation and flooring are underway throughout the building. Film screening room seats and flooring are underway. Exterior balcony installation is in progress.

University Forum

Formwork, shoring, anchor bolts, reinforcement and concrete placement for the urban layer is almost complete. Foundation waterproofing and backfilling is ongoing.

Central Energy Plant (CEP)

Inspection of fire alarm devices has been substantially completed. Testing of the fire alarm system with the fire department is complete. Boiler testing equipment setup and testing is ongoing. Training for systems is ongoing. Mechanical system testing is ongoing. Temporary Certificate of Occupancy has been granted by the New York City Department of Buildings.

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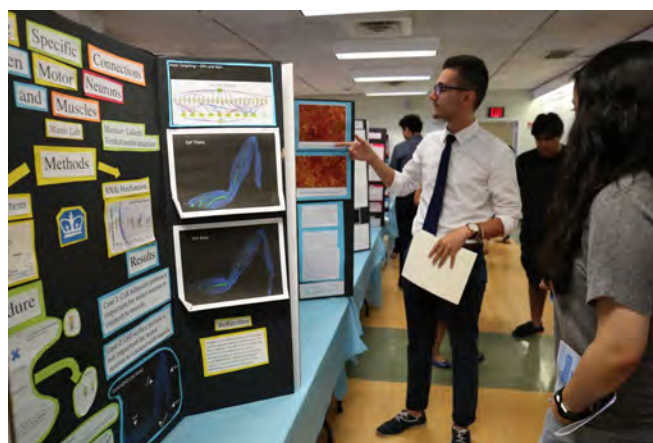
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Did You Know?



City high school students who participated this summer in Columbia's Mortimer B. Zuckerman Mind Brain Behavior Institute's BRAINYAC program were featured in the *New York Daily News*. The Zuckerman Institute's BRAINYAC program (Brain Research Apprenticeships In New York At Columbia) provides an immersive science research experience in which high school students—primarily from upper Manhattan and the Bronx—train and work in neuroscience laboratories at Columbia University. The *Daily News* profiled the students presenting their research. To read the article, visit <http://nydn.us/2bpROMx>.

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Community News

Columbia University and Empire State Development Host Career and Resource Expo



Columbia University and Empire State Development hosted a career and resource expo on September 7 at Columbia's Boone Arledge Auditorium in Alfred Lerner Hall. Nearly 400 people attended and took advantage of the event's offerings, including the opportunity to meet with hiring managers. (Photo credit for all photos: Christian Balmer)

Columbia University and Empire State Development (ESD) joined forces to provide local jobseekers the opportunity to meet with hiring managers for open positions at Columbia University and with university partners, as well as with the New York City Fire Department, during a career resource and expo held on September 7 at Columbia University's campus. The career and resource expo also provided attendees with updated information on Manhattanville construction opportunities and offered job preparedness training for those needing to enhance their resumes and interviewing skills.

"We have specific positions we want to fill. Sharing the information about the positions with the community and streamlining the process to connect candidates with hiring managers was part of the objective of the career expo," said Annette Lopes, assistant vice president for human resources at Columbia University Facilities and Operations.



Jobs covering maintenance, finance, public safety, project management, administration and more were available.

"In addition to the job opportunities available, we also provided training for those people who wanted to brush up on their

interviewing skills and develop stronger resumes. That's something we do ongoing at Columbia's Employment Information Center (3180 Broadway, just south of W125th Street), and we encourage community members to take advantage of all of our free services including the usage of a computer," added Barbara Catalano, senior director of the Columbia Employment Information Center.

Nearly 400 people attended and took advantage of the event's offerings. "Representatives from across the entire University, including the Medical Center, Manhattanville and Morningside campuses, all participated," according to Tanya Pope, assistant vice president for supplier diversity and business initiatives.

"Additionally, we had representation from the New York City Fire Department and two security firms with which the university works closely. It was a successful event in offering resources to jobseekers and connecting candidates with hiring managers across the university."

"The career expo presented a unique chance to meet contacts and get a sense of what working at Columbia is all about," said Jackie Kidd, a Harlem resident who attended the career and resource expo. "The event was well executed, and while I know it is a big undertaking to pull off, these outreach events create a synergy with the community and can tap great talent. The more often such events can be held, the better. The event was a wonderful opportunity for Columbia's neighbors and made a positive impression for the university in the community."

"We create a win-win-win scenario every time we hire someone from the local community," said David M. Greenberg, executive vice president for Facilities and Operations. "A diverse and local workforce always has - and will continue to - contribute to the kind of meaningful economic opportunity that Columbia is committed to creating in the community."

For more information about working at Columbia, visit jobs.columbia.edu or the Employment Information Center website at community-jobs.columbia.edu.



(Over)

Construction Progress Images



Jerome L. Greene Science Center looking northwest



The Lenfest Center of the Arts (left) and Jerome L. Greene Science Center (right) looking north



The University Forum site looking west



Aerial view looking northeast

Sustainable Partnerships

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Certified Plan





Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: September 7, 2015 and September 14, 2015

What is happening

Jerome L. Greene Science Center

- Masonry is being installed at 1st floor and below grade levels
- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 6th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd and 4th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 6th floors
- Installation of ceiling finishes, 3rd through 6th floors
- Installation of flooring, 4th through 6th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Elevator equipment is being installed
- Pouring of ground floor concrete slab

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 5th floors
- Intumescent paint patching in progress
- Elevator shaft walls are substantially complete
- Elevator pit work in progress
- Carpenter layout in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Installation of storefront glass
- Bathroom plumbing roughing ongoing on 3rd and 4th floors
- Electrical riser layout ongoing

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new light poles along W130th St and Broadway
- Installation of new electrical duct bank and manholes on W131st Street

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is anticipated to remain closed until September 2015
- The bus stop on W125th Street (between W129th Street and Broadway) and the bus stop on Broadway (between W129th and W125th streets) will be temporarily out of service
- The north sidewalk of West 131st Street will be closed from Broadway to a point approximately 300 feet west of Broadway. There will be a temporary walkway adjacent to the closed sidewalk. There will be no parking in this zone and traffic will be restricted to one eastbound traffic lane.
- There is a no parking zone in effect on the west side of Broadway from 129th to 131st streets

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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Construction Activities for the Weeks of: September 14, 2015 and September 21, 2015

What is happening

Jerome L. Greene Science Center

- Masonry is being installed at 1st floor and below grade levels
- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 6th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd and 4th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 6th floors
- Installation of ceiling finishes, 3rd through 6th floors
- Installation of flooring, 4th through 6th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Elevator equipment is being installed
- Pouring of ground floor concrete slab

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 5th floors
- Intumescent paint patching in progress
- Elevator shaft walls are substantially complete
- Elevator pit work in progress
- Carpenter layout in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Installation of storefront glass
- Bathroom plumbing roughing ongoing on 3rd and 4th floors
- Electrical riser layout ongoing

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new light poles along W130th St and Broadway
- Installation of new electrical duct bank and manholes on W131st Street

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is anticipated to remain closed until September 2015
- The bus stop on W125th Street (between W129th Street and Broadway) and the bus stop on Broadway (between W129th and W125th streets) will be temporarily out of service
- The north sidewalk of West 131st Street will be closed from Broadway to a point approximately 300 feet west of Broadway. There will be a temporary walkway adjacent to the closed sidewalk. There will be no parking in this zone and traffic will be restricted to one eastbound traffic lane.
- There is a no parking zone in effect on the west side of Broadway from 129th to 131st streets

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: September 28, 2015 and October 5, 2015

What is happening

Jerome L. Greene Science Center

- Masonry is being installed at 1st floor and below grade levels
- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 7th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd and 4th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 6th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 6th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Installation of ground floor storefront interior glass and entry vestibules
- Pouring of ground floor concrete slab

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 5th floors
- Intumescent paint and spray on fireproofing patching in progress
- Elevator pit work in progress
- Carpenter layout in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Installation of storefront glass and canopy
- Bathroom plumbing roughing ongoing on 3rd and 4th floors
- Electrical boxes and conduit installation is in progress at cellar level
- Core drilling at cellar level and 2nd floor
- Curbs and pads on roof and mechanical rooms being poured

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new sidewalk on W131st Street

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is anticipated to remain closed until October 2015
- The bus stop on W125th Street (between W129th Street and Broadway) and the bus stop on Broadway (between W129th and W125th streets) will be temporarily out of service
- The north sidewalk of West 131st Street will be closed from Broadway to a point approximately 300 feet west of Broadway. There will be a temporary walkway adjacent to the closed sidewalk. There will be no parking in this zone and traffic will be restricted to one eastbound traffic lane.
- There is a no parking zone in effect on the west side of Broadway from 129th to 131st streets

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: October 5, 2015 and October 12, 2015

What is happening

Jerome L. Greene Science Center

- Masonry is being installed at 1st floor and below grade levels
- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 7th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd and 4th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 6th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 6th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Installation of ground floor storefront interior glass and entry vestibules
- Pouring of ground floor lobby stairs

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 5th floors
- Intumescent paint and spray on fireproofing patching in progress
- Elevator pit work in progress
- Carpenter layout in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Bathroom plumbing roughing ongoing on 3rd and 4th floors
- Electrical boxes and conduit installation is in progress at cellar level to 4th floor
- Core drilling at cellar level and 2nd floor
- Curbs and pads on roof and mechanical rooms being poured
- Topping slabs are being poured

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new sidewalk on W131st Street

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is anticipated to remain closed until October 2015
- The bus stop on W125th Street (between W129th Street and Broadway) and the bus stop on Broadway (between W129th and W125th streets) will be temporarily out of service
- The north sidewalk of West 131st Street will be closed from Broadway to a point approximately 300 feet west of Broadway. There will be a temporary walkway adjacent to the closed sidewalk. There will be no parking in this zone and traffic will be restricted to one eastbound traffic lane.
- There is a no parking zone in effect on the west side of Broadway from 129th to 131st streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: October 12, 2015 and October 19, 2015

What is happening

Jerome L. Greene Science Center

- Masonry is being installed at 1st floor and below grade levels
- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 7th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd and 4th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 6th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 6th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Installation of ground floor storefront interior glass and entry vestibules

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 5th floors
- Intumescent paint and spray on fireproofing patching in progress
- Elevator pit work in progress
- Carpenter layout in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Bathroom plumbing roughing ongoing on 3rd and 4th floors
- Electrical boxes and conduit installation is in progress at cellar level to 4th floor
- Core drilling at cellar level and 2nd floor
- Curbs and pads on roof and mechanical rooms being poured
- Topping slabs are being poured
- First floor northeast and northwest shaft framing
- Roof bulkhead framing

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new sidewalk on W131st Street. Installation of construction fence along W130th St.

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is currently closed. The street is anticipated to be open to traffic by the end of October 2015.
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: October 19, 2015 and October 26, 2015

What is happening

Jerome L. Greene Science Center

- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 7th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd and 4th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 6th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 7th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 5th floors
- Intumescent paint and spray on fireproofing patching in progress
- Elevator pit work in progress
- Carpenter layout in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Electrical boxes and conduit installation is in progress at cellar level to 6th floor
- Curbs and pads on roof and mechanical rooms being poured
- Topping slabs are being poured

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new sidewalk on W131st Street. Installation of construction fence along W130th St.

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is currently closed. The street is anticipated to be open to traffic by the end of October 2015.
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: October 26, 2015 and November 2, 2015

What is happening

Jerome L. Greene Science Center

- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 7th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd through 5th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 7th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 7th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor
- Installation of millwork, 4th floor

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 6th floors
- Elevator pit and shaft work in progress
- Urban layer waterproofing ongoing
- West mechanical riser support installation ongoing
- Electrical boxes and conduit installation is in progress at cellar level to 6th floor
- Topping slabs are being poured
- First floor thermo acoustic installation
- Third floor ceiling paint in progress
- Third floor walls are being installed

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.
- Installation of new sidewalk on W131st Street. Installation of construction fence along W130th St.

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is currently closed. The street is anticipated to be open to traffic by the end of October 2015.
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: November 2, 2015 and November 9, 2015

What is happening

Jerome L. Greene Science Center

- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Prep of subfloor to receive flooring finish, 4th through 7th floors
- Installation of test chambers and Controlled Environmental Rooms (CER) continues on levels 3 through 7
- Installation of interior glass partitions continues on 3rd through 5th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 7th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 7th floors
- Installation of restroom fixtures and finishes on 3rd through 6th floors
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of millwork, 4th floor

Lenfest Center for the Arts

- Ductwork and piping in progress on cellar level and 2nd through 6th floors
- Elevator pit and shaft work in progress
- Urban layer waterproofing ongoing
- West mechanical riser installation ongoing
- Electrical boxes and conduit installation is in progress at cellar level to 6th floor
- Topping slabs are being poured
- First floor thermo acoustic installation
- Third floor ceiling paint in progress
- Second and third floor walls are being installed

West 130th Street Work (between Broadway and 12th Avenue)

- Installation of new structure in a portion of the area below grade that will allow for future development. Additionally, this structure will support the new street construction that consists of new road pavement, sidewalks, curbs, utilities and street lighting.

(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- A Smoke Stack Pressurization Test will take place the first week of November. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is currently closed. The street is anticipated to be open to traffic the weekend of October 31/November 1.
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: November 9, 2015 and November 16, 2015

What is happening

Jerome L. Greene Science Center

- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed on 5th through 9th floors
- Installation of interior glass partitions continues on 3rd through 5th floors
- Installation of laboratory casework, cabinets and spines, 3rd through 7th floors
- Installation of ceiling finishes, 3rd through 7th floors
- Installation of flooring, 4th through 7th floors
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of millwork, 4th floor
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Ductwork and piping in progress throughout building
- Elevator work in progress
- Urban layer and roof waterproofing ongoing
- Mechanical riser installation ongoing
- Electrical and conduit installation is in progress throughout building
- Topping slabs and pads are being poured
- Thermo acoustic installation ongoing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

(Over)

-Please note that all activities are subject to change based on weather and other field conditions-

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: November 16, 2015 and November 23, 2015

What is happening

Jerome L. Greene Science Center

- Installation of MEP piping and ductwork on below grade levels through 9th floor
- Framing and sheetrock of interior partitions is being installed up through 9th floor
- Installation of interior glass partitions continues up through 6th floor
- Installation of laboratory casework up through 8th floor
- Installation of ceiling finishes up through 7th floor
- Installation of flooring throughout building
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of millwork
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Ductwork and piping in progress throughout building
- Elevator work in progress
- Urban layer and roof waterproofing ongoing
- Mechanical riser installation ongoing
- Electrical and conduit installation is in progress throughout building
- Topping slabs and pads are being poured
- Thermo acoustic installation ongoing
- Roof bulkhead installation ongoing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

(Over)

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: November 23, 2015 and November 30, 2015

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

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Construction Update

Weeks of November 23, 2015 and November 30, 2015



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: November 30, 2015 and December 7, 2015

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

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Construction Update

Weeks of November 30, 2015 and December 7, 2015



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: December 7, 2015 and December 14, 2015

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing
- Removal of loading dock area along W129th Street for future small square

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Construction Update

Weeks of December 7, 2015 and December 14, 2015



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: December 14, 2015 and December 21, 2015

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing
- Removal of loading dock area along W129th St and mobilization for future small square, corner of W129th and W125th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Construction Update

Weeks of December 14, 2015 and December 21, 2015



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Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: December 21, 2015 and December 28, 2015

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Construction Update

Weeks of December 21, 2015 and December 28, 2015



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: December 28, 2015 and January 4, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Construction Update

Weeks of December 28, 2015 and January 4, 2016



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: January 4, 2016 and January 11, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Test pits in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: January 11, 2016 and January 18, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Entrance canopy glass installation ongoing
- Façade soffits underway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Test pits in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Smoke Stack Pressurization preliminary testing is ongoing. The smoke test is part of required testing that verifies the performance of the stacks located on the roof of the Jerome L. Greene Science Center, and should result in smoke exhausting from the stacks for a short period of time.

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

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Construction Update

Weeks of January 11, 2016 and January 18, 2016

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: January 18, 2016 and January 25, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Façade soffits underway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Test pits in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza
- Maintenance of perimeter fence protection along W125th St

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets

-Please note that all activities are subject to change based on weather and other field conditions-

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Construction Update

Weeks of January 18, 2016 and January 25, 2016

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: January 25, 2016 and February 1, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Façade soffits underway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Excavation and sheeting in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza
- Maintenance of perimeter fence protection along W125th and W129th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street will be closed temporarily, anticipated to begin on Thursday, January 28, for utility work in the street

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

For project updates and information, please visit <http://manhattanville.columbia.edu>. For questions or concerns, e-mail projx@columbia.edu or call our Services Center at 212-854-2222, 24 hours a day, seven days a week.

(Over)

Construction Update

Weeks of January 25, 2016 and February 1, 2016

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at Deirdre.parker@nyct.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: February 1, 2016 and February 8, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Façade soffits underway
- Rooftop mechanical equipment delivery

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Excavation and sheeting in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 129th Street between Broadway and West 125th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street will be closed temporarily, beginning Monday, February 1. The temporary closure is anticipated to last approximately two weeks.

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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(Over)

Construction Update

Weeks of February 1, 2016 and February 8, 2016

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at Deirdre.parker@nyct.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: February 8, 2016 and February 15, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Façade soffits underway
- Rooftop mechanical equipment delivery

University Forum

- Site mobilization
- Curb and sidewalk repairs in preparation for sidewalk bridge along West 125th Street
- Placement of concrete barriers along West 125th Street and Broadway
- Fence installation on West 125th Street and Broadway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Excavation and sheeting in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is closed temporarily, as of Monday, February 1.

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of February 8, 2016 and February 15, 2016

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: February 15, 2016 and February 22, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Façade soffits underway
- Rooftop mechanical equipment delivery

University Forum

- Site mobilization
- Placement of concrete barriers along West 125th Street and Broadway
- Perimeter fence and gate installation

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Excavation and sheeting in W129th St for utility crossings
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is closed temporarily, as of Monday, February 1

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of February 15, 2016 and February 22, 2016

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: February 22, 2016 and February 29, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing ongoing
- Roof bulkhead installation ongoing
- Façade soffits underway
- Rooftop mechanical equipment delivery

University Forum

- Site mobilization
- Placement of concrete barriers along West 125th Street and Broadway
- Perimeter fence and gate installation

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to close the week of 2/22 and remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Neighboring construction projects not related to Columbia

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Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: February 29, 2016 and March 7, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing
- Roof bulkhead installation
- Façade soffits underway
- Rooftop mechanical equipment installation

University Forum

- Preparing for temporary power
- Site leveling in preparation for pile driving and support of excavation operation
- Commencement of pile driving operation to shore site for excavation and foundational support

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to close the week of 2/22 and remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of February 29, 2016 and March 7, 2016

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
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- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: March 7, 2016 and March 14, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Urban layer and roof waterproofing
- Roof bulkhead installation
- Façade soffits underway
- Rooftop mechanical equipment installation

University Forum

- Install temporary electric cabinet in preparation for ConEdison pulling the wires and installing the meter
- Excavate and install lagging (material that provides heat insulation) for support of excavation system
- Commencement of pile driving operation to shore site for excavation and foundational support

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Clearing the area of the small square back to the W129th St property line
- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the plaza

Need More Information?

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of March. Minor visible smoke may be exhausted out of the smoke stacks during testing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to close the week of 2/22 and remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
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- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: March 14, 2016 and March 21, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Roof bulkhead installation
- Façade soffits underway
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- Install temporary electric cabinet in preparation for ConEdison pulling the wires and installing the meter
- Excavate and install lagging (material that provides heat insulation) for support of excavation system

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of March. Minor visible smoke may be exhausted out of the smoke stacks during testing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to close the week of 2/22 and remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of March 14, 2016 and March 21, 2016

Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: March 21, 2016 and March 28, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Roof bulkhead installation
- Façade soffits underway
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- Install temporary electric cabinet in preparation for Con Edison pulling the wires and installing the meter
- Excavate and install wood lagging for support of excavation system

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of March. Minor visible smoke may be exhausted out of the smoke stacks during testing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to close the week of 2/22 and remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of March 21, 2016 and March 28, 2016

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: March 28, 2016 and April 4, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Roof bulkhead installation
- Façade soffits underway
- Rooftop waterproofing, mechanical equipment, and duct installation
- Interior elevator nearing completion

University Forum

- The installation of wood lagging for support of excavation system is ongoing
- Start of the drilling and grouting phase for the tie backs associated with the support of excavation system
- Excavation and soil removal continue
- Start of the tie-in to the combined sewer for the dewatering operation

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza

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What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of March. Minor visible smoke may be exhausted out of the smoke stacks during testing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-



Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at Deirdre.parker@nyct.com.
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: April 4, 2016 and April 11, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- The installation of wood lagging for support of excavation system is ongoing
- The tie back and grout operation for the support of excavation system is ongoing
- Excavation and soil removal continue
- The tie-in to the combined sewer for the dewatering operation is ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza

Need More Information?

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of March. Minor visible smoke may be exhausted out of the smoke stacks during testing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-



Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: April 11, 2016 and April 18, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- The installation of wood lagging for support of excavation system is ongoing
- The tie back and grout operation for the support of excavation system is ongoing
- Excavation and soil removal continue

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of monitoring wells along Broadway between W130th and W129th streets, and along W129th Street between Broadway and W125th Street

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of April. Minor visible smoke may be exhausted out of the smoke stacks during testing

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: April 18, 2016 and April 25, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- The installation of wood lagging for support of excavation system is ongoing
- The tie back and grout operation for the support of excavation system is ongoing
- Excavation and soil removal continue

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of conduits for W129th St utility crossings, which will include concreting and backfill operations
- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of monitoring wells along Broadway between W130th and W129th streets, and along W129th Street between Broadway and W125th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of April. Minor visible smoke may be exhausted out of the smoke stacks during testing.
- **PLEASE NOTE:** On Saturday April 16 from 7 a.m. to 7 p.m. and Sunday April 17 from 8 a.m. to 5 p.m., there will be required testing of the emergency generators located on the roof of the Studebaker Building (622 West 132nd Street). In order to test the generators to their capacity, temporary load banks (units designed to create additional electrical load) will be connected to the emergency generators. The load banks will be placed in the former Ashland Chemical site just to the east of the Studebaker Building. The test is required by the New York City Department of Buildings. (Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions -

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Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: April 25, 2016 and May 2, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation
- Lobby interior elevator cabs being installed

University Forum

- The installation of wood lagging for support of excavation system is ongoing
- The tie back and grout operation for the support of excavation system is ongoing
- Excavation and soil removal continue
- Temporary power and dewatering preparation ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of monitoring wells along Broadway between W130th and W129th streets, and along W129th Street between Broadway and W125th Street
- Installation of curbs along Broadway and W129th Street

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of April. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-



Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 2, 2016 and May 9, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- The installation of wood lagging for support of excavation system is ongoing
- The tie back and grout operation for the support of excavation system is ongoing
- Excavation and soil removal continue
- Temporary power and dewatering preparation ongoing
- Preparation of the east portion of the site for mud slab installation

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of monitoring wells along Broadway between W130th and W129th streets, and along W129th Street between Broadway and W125th Street
- Installation of curbs along Broadway and W129th Street

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue throughout the month of April. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-



Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 9, 2016 and May 16, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor poured concrete flooring
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- Begin waterproofing installation on the mud slab
- The tie back and grout operation for the support of excavation system is almost complete
- Excavation and soil removal continue
- Begin installation of rebar for the mat slab (concrete foundation)
- Dewatering is ongoing
- Preparation for the first mat slab pour

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of curbs along Broadway and W129th Street

Need More Information?

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 16, 2016 and May 23, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor security console
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- Waterproofing installation on the mud slab
- The tie back and grout operation for the support of excavation system is almost complete
- Excavation and soil removal continue
- Begin installation of rebar for the mat slab (concrete foundation)
- Dewatering is ongoing
- Preparation for the first mat slab pour

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of curbs along Broadway and W129th Street

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(Over)

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
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Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: May 23, 2016 and May 30, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor security console
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- Waterproofing installation on the mud slab
- Excavation and soil removal continue
- Installation of rebar for the mat slab (concrete foundation) is ongoing in preparation for placement of concrete on the eastern part of the site
- Dewatering is ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of curbs along Broadway and W129th Street

What to expect

Construction activity

- **University Forum—Saturday May 21: Concrete pour is scheduled for the mat slab (concrete foundation). Concrete pour operation will occur 6:00 a.m. to 6:00 p.m. The community should expect trucks in and out of the site during this timeframe on May 21 for the concrete pour operation.**
- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m. (6:00 a.m. to 6:00 p.m. on Saturday May 21 for University Forum concrete pour)
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
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- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: May 30, 2016 and June 6, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of raised floor pavers on ground floor and roof terraces
- Installation of ground floor security console
- Full operation of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop waterproofing, mechanical equipment, and duct installation

University Forum

- Waterproofing installation on the mud slab
- Excavation and soil removal continue
- Stone placement over the mat slab (concrete foundation)
- Installation of rebar for the foundation wall and elevator pit is ongoing in preparation for placement of concrete
- Dewatering is ongoing
- Installation of wood lagging for western half of site

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of curbs along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m. (6:00 a.m. to 6:00 p.m. on Saturday May 21 for University Forum concrete pour)
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

Need More Information?

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Neighboring construction projects not related to Columbia

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: June 6, 2016 and June 13, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of polished concrete stair treads, Broadway entrance
- Installation of ground floor security console
- Removal of modified loading dock, West 130th St entrance
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop duct and roof paver installation

University Forum

- Waterproofing installation on the mud slab is ongoing
- Excavation and soil removal continue for the western portion of the site
- Stone placement over the mat slab (concrete foundation)
- Installation of formwork, anchor bolts and reinforcement for the foundation wall and placement of concrete
- Dewatering is ongoing
- Installation of wood lagging for western half of site
- Subgrade preparation for the mud slab placement on the western portion of the site is ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of curbs along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions -

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: June 13, 2016 and June 20, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass and entry vestibules
- Installation of polished concrete stair treads, Broadway entrance
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop duct insulation wrap and roof paver installation

University Forum

- Excavation and soil removal continue for the western portion of the site
- Stone placement over the mat slab (concrete foundation)
- Installation of formwork, anchor bolts and reinforcement for the foundation mat slab, walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of wood lagging for western half of site
- Installation of urban layer slab formwork and shoring along Broadway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of rebar and concrete for protection slab in small square plaza
- Forming of structural walls in the small square plaza
- Installation of concrete block walls in the small square plaza
- Installation of curbs and sidewalk along Broadway and W129th Street

What to expect

Construction activity

- **University Forum—Saturday June 18: Concrete pour is scheduled for the mat slab (concrete foundation). Concrete pour operation will occur 6:00 a.m. to 6:00 p.m. The community should expect trucks in and out of the site during this timeframe on June 18 for the concrete pour operation.**
- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m. (6:00 a.m. to 6:00 p.m. on Saturday June 18 for University Forum concrete pour)
- Commissioning of lighting systems at Jerome L. Greene Science Center. Sections of building will be illuminated during nighttime hours while commissioning takes place.
- Material deliveries to site is ongoing

(Over)

Construction activity (continued)

- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

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Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: June 20, 2016 and June 27, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop duct insulation wrap and roof paver installation

University Forum

- Stone placement over the mat slab (concrete foundation)
- Installation of formwork, anchor bolts and reinforcement for the foundation mat slab, walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of urban layer slab formwork and shoring along Broadway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Furnish and install metal decking for plaza
- Backfill installation with geofoam material
- Form work for stairs and trench drains
- Installation of curbs and sidewalk along Broadway and W129th Street

What to expect

Construction activity

- **University Forum—Saturday June 18: Concrete pour is scheduled for the mat slab (concrete foundation). Concrete pour operation will occur 6:00 a.m. to 6:00 p.m. The community should expect trucks in and out of the site during this time.**
- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m. (6:00 a.m. to 6:00 p.m. on Saturday June 18 for University Forum concrete pour)
- Commissioning of lighting systems at Jerome L. Greene Science Center. Sections of building will be illuminated during nighttime hours while commissioning takes place.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until the summer

-Please note that all activities are subject to change based on weather and other field conditions-

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: June 27, 2016 and July 4, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system

Lenfest Center for the Arts

- Roof bulkhead installation
- Rooftop duct insulation wrap and roof paver installation

University Forum

- Installation of formwork, anchor bolts and reinforcement for the foundation mat slab, walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of urban layer slab formwork and shoring along Broadway

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Furnish and install metal decking for plaza
- Backfill installation with geofoam material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until mid summer

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: July 4, 2016 and July 11, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap

University Forum

- Installation of formwork, anchor bolts and reinforcement for the foundation walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of urban layer slab formwork, shoring and rebar along Broadway
- Perimeter foundation wall waterproofing, insulation and filter fabric installation

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Furnish and install metal decking for plaza
- Backfill installation with geofoam material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until mid summer

(Over)

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: July 11, 2016 and July 18, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along W129th Street

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap

University Forum

- Installation of formwork, anchor bolts and reinforcement for the foundation walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of urban layer slab formwork, shoring and rebar along Broadway
- Perimeter foundation wall waterproofing, insulation and filter fabric installation

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Furnish and install rebar on top of metal decking for plaza
- Backfill installation with geofoam and soil material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until mid summer

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Construction Activities for the Weeks of: July 18, 2016 and July 25, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along W129th Street

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Exterior scaffold in progress

University Forum

- Installation of formwork, anchor bolts and reinforcement for the foundation walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of urban layer slab formwork, shoring, rebar and concrete placement along Broadway
- Perimeter foundation wall waterproofing, insulation, filter fabric and RCA (recycled concrete aggregate) backfill installation ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Furnish and install rebar on top of metal decking for plaza
- Backfill installation with geofoam and soil material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- West 130th Street between Broadway and 12th Avenue is open
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until mid summer

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Manhattanville in West Harlem Campus Plan

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Construction Activities for the Weeks of: July 25, 2016 and August 1, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along W129th Street

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Exterior scaffold in progress
- Removal of exterior material hoist and temporary platforms
- Infill of exterior building panels where hoist was removed

University Forum

- Installation of formwork, anchor bolts and reinforcement for the foundation walls and columns, and placement of concrete
- Dewatering is ongoing
- Installation of urban layer slab formwork, shoring, rebar and concrete placement
- Perimeter foundation wall waterproofing, insulation, filter fabric and RCA (recycled concrete aggregate) backfill installation ongoing

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Furnish and install rebar on top of metal decking for plaza
- Backfill installation with geofoam and soil material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway and is expected to continue through to the month of July. Minor visible smoke may be exhausted out of the smoke stacks during testing.

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until mid summer
- West 131st Street between Broadway and 12th Avenue will be closed beginning the month of August

Need More Information?

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Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at Deirdre.parker@nyct.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.

Sustainable Partnerships

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 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: August 1, 2016 and August 8, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of ground floor storefront interior glass, entry vestibules and temporary asphalt walkways
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along W129th Street

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Exterior scaffold in progress
- Removal of exterior material hoist and temporary platforms
- Infill of exterior building panels where hoist was removed

University Forum

- Demobilization of dewatering
- Installation of urban layer slab formwork, shoring, rebar and concrete placement

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Backfill installation with geofoam and soil material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until late August
- West 131st Street between Broadway and 12th Avenue will be closed beginning the month of August and will remain closed until the end of 2018

-Please note that all activities are subject to change based on weather and other field conditions-

(Over)

Construction Update

Weeks of August 1, 2016 and August 8, 2016

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Sustainable Partnerships



 **COLUMBIA UNIVERSITY**
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: August 8, 2016 and August 15, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Removal of temporary boiler unit on Broadway
- Placement of sidewalks along Broadway

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Infill of exterior building panels where hoist was removed

University Forum

- Demobilization of dewatering
- Installation of Urban Layer slab formwork, shoring, rebar, anchors and concrete placement
- Installation of sleeves at Urban Layer

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Backfill installation with geofoam and soil material
- Form work for stairs and trench drains
- Installation of curbs, sidewalk and light poles along Broadway and W129th Street

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until late August
- West 131st Street between Broadway and 12th Avenue will be closed beginning the month of August and will remain closed until the end of 2018

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(Over)

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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: August 15, 2016 and August 22, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th St
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Removal of temporary boiler unit on Broadway
- Placement of sidewalks along Broadway

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Infill of exterior building panels where hoist was removed
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Installation of Urban Layer slab formwork, shoring, rebar, anchors and concrete placement ongoing
- Installation of sleeves at Urban Layer
- Installation of barrier fence in the center of 129th Street
- Backfill of foundation walls

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Backfill installation with soil material
- Form work for stairs and trench drains; installation of granite band and steps
- Installation of light poles along W129th Street and site perimeter fence

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to remain closed until late August
- Beginning in August, W131st St between Broadway and 12th Ave will be closed until the end of 2018 (Over)

Construction Update

Weeks of August 15, 2016 and August 22, 2016

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



 **COLUMBIA UNIVERSITY**
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: August 22, 2016 and August 29, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway between W129th and W130th streets and perimeter fence protection repairs along W125th Street
- Installation of permanent loading dock walls, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Removal of temporary boiler unit on Broadway
- Placement of sidewalks along Broadway
- Install new sidewalk bridge along W129th Street

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Infill of exterior building panels where hoist was removed
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Installation of Urban Layer slab formwork, shoring, rebar, anchors and concrete placement ongoing
- Installation of sleeves at Urban Layer
- Waterproofing and rigid installation, followed by backfill of foundation walls

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Backfill installation with soil material and geofoam
- Installation of granite band and steps; form and pour slab south of Lenfest Center (north of Small Square)
- Begin Woodland Walk trench drains and utility trench formwork

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is underway. Minor visible smoke may be exhausted out of the smoke stacks during testing.

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street is expected to open before the end of August
- Beginning in August, W131st St between Broadway and 12th Ave will be closed until the end of 2018 (Over)

Construction Update

Weeks of August 22, 2016 and August 29, 2016

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: August 29, 2016 and September 5, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W129th streets and perimeter fence protection repairs along W125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Removal of temporary boiler unit on Broadway
- Placement of sidewalks along Broadway

Lenfest Center for the Arts

- East side hoist removal underway
- Curtain wall panels being installed (east)
- Roof parapet being completed
- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Infill of exterior building panels where hoist was removed
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Installation of Urban Layer slab formwork, shoring, rebar, anchors and concrete placement ongoing
- Installation of sleeves at Urban Layer
- Waterproofing and rigid installation, followed by backfill of foundation walls

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of trench drains around the square
- Installation of granite band and steps; form and pour slab south of Lenfest Center (north of Small Square)
- Begin Woodland Walk trench drains and utility trench formwork

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- **Boiler testing is continuing. Minor visible smoke may be exhausted out of the smoke stacks during testing.**

(Over)

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street has reopened
- W131st St between Broadway and 12th Ave will be closed beginning in September and will remain closed until the end of 2018

Neighboring construction projects not related to Columbia

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 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: September 5, 2016 and September 12, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W129th Street and perimeter fence protection repairs along W125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk bridge along W130th Street
- Placement of sidewalks along Broadway
- Painting of boiler vent stacks above mechanical penthouse

Lenfest Center for the Arts

- Roof parapet being completed
- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Infill of exterior building panels where hoist was removed
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Installation of formwork, rebar and concrete placement for curbs
- Waterproofing and rigid installation, followed by backfill of foundation walls
- Removal of shoring at Urban Layer

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of trench drains around the square
- Installation of granite band and steps; form and pour slab south of Lenfest Center (north of Small Square)
- Begin Woodland Walk trench drains and utility trench formwork
- Installation of living roof layer and Silva Cells around the square for trees

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is complete

(Over)

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street has reopened
- W131st St between Broadway and 12th Ave will be closed beginning in September and will remain closed until the end of 2018

Neighboring construction projects not related to Columbia

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Sustainable Partnerships



 **COLUMBIA UNIVERSITY**
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Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: September 12, 2016 and September 19, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W129th Street and perimeter fence protection repairs along W125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Installation of sidewalk bridge along W130th Street
- Placement of sidewalks along Broadway
- Painting of boiler vent stacks above mechanical penthouse

Lenfest Center for the Arts

- Roof parapet being completed
- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Infill of exterior building panels where hoist was removed
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Installation of formwork, rebar and concrete placement for curbs, ramps and stairs
- Waterproofing and rigid installation, followed by backfill of foundation walls
- Removal of shoring at Urban Layer
- Cut and remove piles

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of trench drains around the square
- Installation of granite band, steps, pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Installation of living roof layer and Silva Cells around the square for trees
- Curb and sidewalk installation along Broadway between W129th and W130th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is complete

(Over)

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 129th Street between Broadway and W125th Street has reopened
- W131st St between Broadway and 12th Ave will be closed in late September and will remain closed until the end of 2018

Neighboring construction projects not related to Columbia

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Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: September 19, 2016 and September 26, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W129th Street and perimeter fence protection repairs along W125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along Broadway and W130th Street
- Painting of boiler vent stacks above mechanical penthouse

Lenfest Center for the Arts

- Roof parapet being completed
- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Surveying column based plates
- Stripping formwork
- Removal of shoring at Urban Layer
- Cut and remove piles
- Backfill foundation walls

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of trench drains around the square
- Installation of granite band, steps, pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Installation of living roof layer and Silva Cells around the square for trees
- Curb and sidewalk installation along Broadway between W129th and W130th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing
- Boiler testing is complete

(Over)

What to expect (continued)

Temporary Traffic and Transportation Impacts

- West 129th Street between Broadway and West 125th Street will be closed from 6:00 a.m. to 6:00 p.m. on Saturday September 24 and Saturday October 1
- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 131st St between Broadway and 12th Ave will be closed prior to November 2016 and will remain closed until fall 2018 (see "Notice of Public Forum" below)

Neighboring construction projects not related to Columbia

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Notice of Public Forum—Road Closure

New York City Department of Transportation in collaboration with Columbia University will be holding a public forum to present information about an application for the temporary street closure of West 131st Street between Broadway and Twelfth Avenue to facilitate construction of below-grade facilities which require construction of the new street structure. The forum will be held at Columbia University's Studebaker Building (622 W132nd St), Room 207 between 4 p.m. and 6 p.m. Members of the public and affected Community Board(s) and elected official(s) are invited to attend and will be given the opportunity to make comments.

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Sustainable Partnerships



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

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Construction Activities for the Weeks of: September 26, 2016 and October 3, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W129th Street and perimeter fence protection repairs along W125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along Broadway and W130th Street
- Painting of boiler vent stacks above mechanical penthouse

Lenfest Center for the Arts

- Roof parapet being completed
- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Surveying column based plates and embeds
- Stripping formwork
- Waterproofing at below-grade level
- Grading and compacting the perimeter of the building
- General site clean-up

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Installation of trench drains around the square
- Installation of granite band, steps, pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Curb and sidewalk installation along Broadway between W129th and W130th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

(Over)

What to expect (continued)

Temporary Traffic and Transportation Impacts

- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 131st St between Broadway and 12th Ave will be closed prior to November 2016 and will remain closed until fall 2018 (see "Notice of Public Forum" below)

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at Deirdre.parker@nyct.com.
- For more information on New York City Department of Transportation's Protective Coating of the Riverside Drive Viaduct from St. Clair Place to 135th St., please contact Community Liaison Hugh Smith at 917-434-1385 or via e-mail at riversideviaduct@gmail.com.



Notice of Public Forum—Road Closure

New York City Department of Transportation in collaboration with Columbia University will be holding a public forum to present information about an application for the temporary street closure of West 131st Street between Broadway and Twelfth Avenue to facilitate construction of below-grade facilities which require construction of the new street structure. The forum will be held Tuesday, September 27 at Columbia University's Studebaker Building (622 W132nd St), Room 207 between 4 p.m. and 6 p.m. Members of the public and affected Community Board(s) and elected official(s) are invited to attend and will be given the opportunity to make comments.

Need More Information?

For project updates and information, please visit <http://manhattanville.columbia.edu>. For questions or concerns, e-mail projx@columbia.edu or call our Services Center at 212-854-2222, 24 hours a day, seven days a week.

-Please note that all activities are subject to change based on weather and other field conditions-

Sustainable Partnerships



 **COLUMBIA UNIVERSITY**
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: October 3, 2016 and October 10, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W.129th Street and perimeter fence protection repairs along W.125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Placement of sidewalks along Broadway and W.130th Street
- Painting of boiler vent stacks above mechanical penthouse

Lenfest Center for the Arts

- Roof parapet being completed
- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Scaffolding in place to begin exterior 5th floor balcony

University Forum

- Surveying column anchor bolts and curtain wall embeds
- Stripping formwork
- Waterproofing at below-grade level and backfill
- Grading and compacting the perimeter of the building
- General site clean-up

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Completion of sidewalks on W.129th Street
- Installation of pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Curb and sidewalk installation along Broadway between W.129th and W.130th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

(Over)

What to expect (continued)

Temporary Traffic and Transportation Impacts

- West 129th Street between Broadway and West 125th Street will be closed from 6:00 a.m. to 6:00 p.m. on the following Saturdays: October 1, 8, 15 and 22
- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 131st St between Broadway and 12th Ave will be closed prior to November 2016 and will remain closed until fall 2018

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
- For more information on New York City Transit's Portal Repairs on the Broadway-7 Avenue Line, please contact Deirdre Parker at Deirdre.parker@nyct.com.
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Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations



Manhattanville in West Harlem Campus Plan

Construction Activities for the Next Two Weeks

Columbia's long-term plan for the old Manhattanville manufacturing area will revitalize the four former industrial blocks from 125th/129th to 133rd Street between Broadway and 12th Avenue, and three small blocks along the east side of Broadway from 131st to 134th Street, into an environmentally sustainable and publicly accessible center for academic and civic life woven into the fabric of the West Harlem community.

Construction Activities for the Weeks of: October 10, 2016 and October 17, 2016

What is happening

Jerome L. Greene Science Center

- Maintenance of sidewalk bridge/temporary sidewalk along Broadway and W.129th Street and perimeter fence protection repairs along W.125th Street
- Installation of permanent loading dock walls, floor, doors and accessories
- Cleaning of the glazing (i.e. windows)/curtain wall system
- Painting of boiler vent stacks above mechanical penthouse

Lenfest Center for the Arts

- Roof bulkhead and paver installation
- Rooftop duct insulation wrap
- Scaffolding in place to begin exterior 5th floor balcony
- Exterior west soffits installation

University Forum

- Waterproofing at below-grade level and backfill
- Grinding foundation walls and column at below-grade level
- General site clean-up

Open Space: Small Square and site work on W129th, W130th and Broadway around Jerome L. Greene Science Center

- Completion of sidewalks on W.129th Street
- Installation of pavers and stabilized aggregate
- Begin Woodland Walk trench drains and utility trench formwork
- Curb and sidewalk installation along Broadway between W.129th and W.130th streets

What to expect

Construction activity

- Regular weekday work hours: 7:00 a.m. to 6:00 p.m. Saturday and Sunday work hours: 8:00 a.m. to 5:00 p.m.
- Material deliveries to site is ongoing

Temporary Traffic and Transportation Impacts

- **West 129th Street between Broadway and West 125th Street will be closed from 6:00 a.m. to 6:00 p.m. on the following Saturdays: October 8, 15 and 22. The road will also be closed on Friday, October 14 beginning at 6:00 a.m. until Saturday, October 15 at 6:00 p.m.**
- No standing on West 125th Street between Broadway and West 129th Street
- There is a no parking zone in effect on the west side of Broadway from 129th to 130th streets
- West 131st Street between Broadway and 12th Ave will be closed prior to November 2016 and will remain closed until fall 2018

(Over)

Neighboring construction projects not related to Columbia

- For information on the New York City Economic Development Corporation's West 125th Street Streetscape Improvement Project, please contact Patrick Jordan at 347-840-0914 or west125@zetlin.com.
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-Please note that all activities are subject to change based on weather and other field conditions-

Sustainable Partnerships



 COLUMBIA UNIVERSITY
Facilities and Operations

Monthly Newsletter Subscription List

Members:

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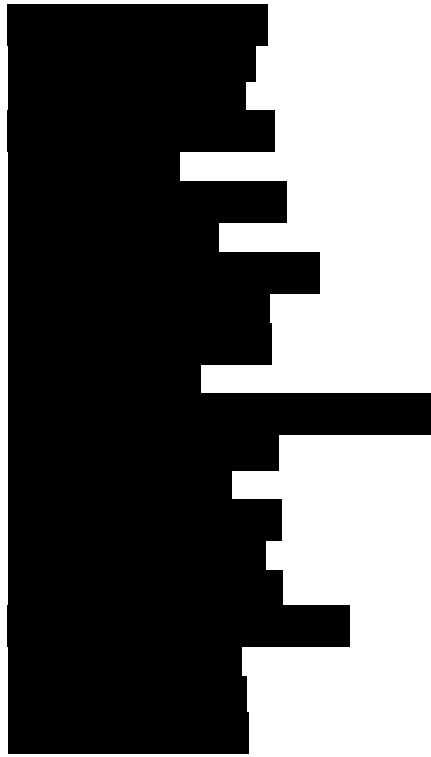
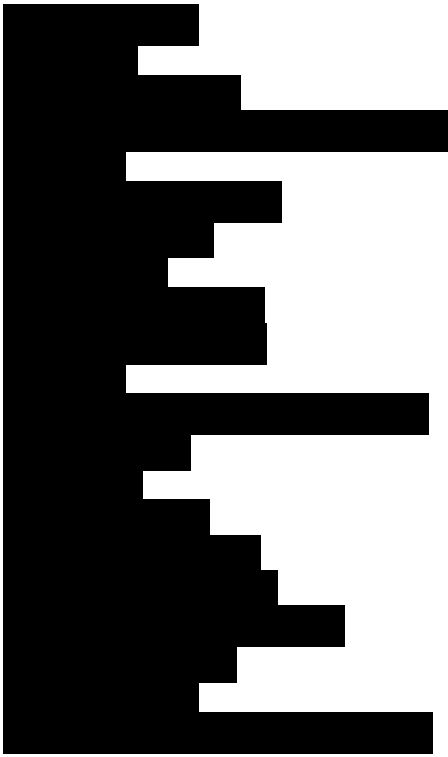
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Weekly Construction Updates Subscription List

Members:

[Redacted member information]

[Redacted member information]

Weekly Construction Updates and Monthly Newsletter Subscription List

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